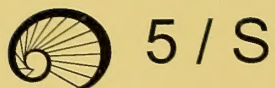


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APPENDIX A – 39

Specific Funding Programs

**Active Transportation Program (ATP)
Regional Competitive Program Guidelines and
Program of Projects for the San Francisco Bay Area
MTC Resolution No. 4132**

Date: April 23, 2014
W.I.: 1512
Referred by: PAC

ABSTRACT

Resolution No. 4132

This resolution adopts the Active Transportation Program (ATP) Regional Competitive Program Guidelines and Program of Projects for the San Francisco Bay Area, for submission to the California Transportation Commission (CTC), consistent with the provisions of Senate Bill 99 and Assembly Bill 101.

Further discussion of these actions is contained in the MTC Executive Director's Memorandum to the MTC Programming and Allocations Committee dated April 9, 2014.

Attachment A – Guidelines: Policies, Procedures and Project Selection Criteria

Attachment B – Program of Projects

Date: April 23, 2014
W.I.: 1512
Referred by: PAC

RE: Adoption of Regional Competitive Active Transportation Program (ATP)
Guidelines and Program of Projects

METROPOLITAN TRANSPORTATION COMMISSION
RESOLUTION NO. 4132

WHEREAS, the Metropolitan Transportation Commission (MTC) is the regional transportation planning agency for the San Francisco Bay Area pursuant to Government Code Section 66500 *et seq.*; and

WHEREAS, MTC has adopted and periodically revises, pursuant to Government Code Sections 66508 and 65080, a Regional Transportation Plan (RTP); and

WHEREAS, MTC is the designated Metropolitan Planning Organization (MPO) for the nine-county San Francisco Bay Area region and is required to prepare and endorse a Transportation Improvement Program (TIP) which includes federal funds; and

WHEREAS, MTC is the designated recipient for federal funding administered by the Federal Highway Administration (FHWA) assigned to the MPO/RTPA of the San Francisco Bay Area for the programming of projects (regional federal funds); and

WHEREAS, the California State Legislature passed and the Governor signed into law Senate Bill 99 (Chapter 359, Statutes 2013) and Assembly Bill 101 (Chapter 354, Statutes 2013), establishing the Active Transportation Program (ATP); and

WHEREAS, MTC adopts, pursuant to Streets and Highways Code Section 2381(a)(1), an Active Transportation Program of Projects using a competitive process consistent with guidelines adopted by the California Transportation Commission (CTC) pursuant to Streets and Highways Code Section 2382(a), that is submitted to the CTC and the California Department of Transportation (Caltrans); and

WHEREAS, MTC has developed, in cooperation with CTC, Caltrans, operators of publicly owned mass transportation services, congestion management agencies, countywide transportation planning agencies, and local governments, guidelines to be used in the development of the ATP; and

WHEREAS, a multi-disciplinary advisory group evaluates and recommends candidate ATP projects for MTC inclusion in the Active Transportation Program of Projects; and

WHEREAS, the ATP is subject to public review and comment; now, therefore, be it

RESOLVED, that MTC approves the guidelines to be used in the evaluation of candidate projects for inclusion in the ATP, as set forth in Attachment A of this resolution, and be it further

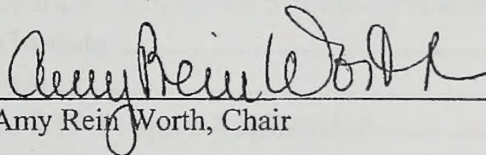
RESOLVED, that MTC approves the Active Transportation Program of Projects, as set forth in Attachment B of this resolution, and be it further

RESOLVED that the Executive Director or designee can make technical adjustments and other non-substantial revisions; and be it further

RESOLVED that the Executive Director or designee is authorized to revise Attachment B as necessary to reflect the programming of projects as the projects are selected; and be it further

RESOLVED, that the Executive Director shall forward a copy of this resolution, and such other information as may be required to the CTC, Caltrans, and to such other agencies as may be appropriate.

METROPOLITAN TRANSPORTATION COMMISSION



Amy Rein Worth, Chair

The above resolution was entered into by the Metropolitan Transportation Commission at a regular meeting of the Commission held in Oakland, California, on April 23, 2014.

Date: April 23, 2014
W.I.: 1515
Referred by: PAC

Attachment A
Resolution No. 4132
Page 1 of 11

**Cycle 1 Regional Competitive
Active Transportation Program
(ATP)**

Guidelines

April 23, 2014

**MTC Resolution No. 4132
Attachment A**

**Metropolitan Transportation Commission
Programming and Allocations Section
<http://www.mtc.ca.gov/funding/>**

Date: April 23, 2014
W.I.: 1515
Referred by: PAC

Attachment A
Resolution No. 4132
Page 2 of 11

**Cycle 1 Regional Competitive Active Transportation Program (ATP)
Guidelines
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Cycle 1 Regional Competitive Active Transportation Program Guidelines

Background

In September 2013, the Governor signed Senate Bill 99 (Chapter 359, Statutes 2013) and Assembly Bill 101 (Chapter 254, Statutes 2013) into law, creating the Active Transportation Program (ATP). The State envisions the ATP to consolidate a number of other funding sources intended to promote active transportation, such as the Bicycle Transportation Account and Transportation Alternatives Program, into one program.

State and federal law segregate ATP funds into three main components, with funding distributed as follows:

- 50% to the state for a statewide competitive program
- 10% to the small urban and rural area competitive program to be managed by the state
- 40% to the large urbanized area competitive program, with funding distributed by population and managed by the Metropolitan Planning Organization (MPO) – hereinafter referred to as the "Regional Competitive Active Transportation Program"

The California Transportation Commission (CTC) developed guidelines for the ATP, approved on March 20, 2014. The CTC Guidelines lay out the programming policies, procedures, and project selection criteria for not only the statewide competitive program, but also for the small urban/rural and large MPO regional competitive programs. Large MPOs, such as MTC, have the option of developing their own policies, procedures, and project selection criteria that differ from those adopted by CTC, provided they are approved by CTC.

This document serves as MTC's Regional ATP Guidelines that substantially follow those of the CTC, but include a number of differences based on the region's existing policies and priorities. MTC adopted these Guidelines for the MTC Regional Competitive Active Transportation Program on April 23, 2014, for final consideration by the CTC in May 2014.

Development Principles

The following principles will frame the development of MTC's Regional Competitive Active Transportation Program.

- MTC will work with CTC staff, Caltrans, CMAs, transit operators, and interested stakeholders to develop the Regional Competitive Active Transportation Program.
- Investments made in the ATP must carry out the objectives of the Regional Transportation Plan (RTP).
- MTC will meet or exceed the 25% programming goal to projects benefiting disadvantaged communities.
- MTC will continue to work with Caltrans, CMAs, transit operators, and project sponsors to seek efficiencies and streamlining for delivering projects in the federal-aid process.
- MTC will continue to advocate for improved ATP delivery strategies, including using either a lump sum allocation or delegated authority to Caltrans.

- MTC will continue to advocate that all projects savings and un-programmed balances remain within the ATP program rather than be redirected to the State Highway Account, and specifically that savings and balances in the 40% Large MPO programs remain within the regional programs, consistent with federal guidance on the Transportation Alternative Program (TAP).

CTC Guidelines

The California Transportation Commission (CTC) ATP Guidelines were adopted on March 20, 2014, and are available at: <http://www.catc.ca.gov/programs/ATP.htm>. The most current CTC Guidelines for the Active Transportation Program, as posted on the CTC website, is incorporated in MTC's Regional Competitive ATP Guidelines via this reference. All project sponsors are required to follow the MTC and CTC ATP Guidelines in the development and implementation of the ATP.

ATP Development Schedule

Development of the ATP under these procedures will be done in accordance with the schedule outlined in Appendix A-1 of this guidance.

ATP Regional Shares

Appendix A-2 of this guidance provides the MTC regional shares for this round of ATP funding (FY 2014-15), consistent with the ATP Fund Estimate approved by the CTC on December 11, 2013. Appendix A-2 also includes MTC's 25% programming goal to projects benefiting disadvantaged communities.

Public Involvement Process

In developing the ATP, MTC is committed to a broad, inclusive public involvement process consistent with MTC's Public Participation Plan, available at http://www.mtc.ca.gov/get_involved/participation_plan.htm.

ATP Projects in the Transportation Improvement Program (TIP)

In response to state and federal requirements, ATP funds must be programmed in the TIP prior to seeking a CTC allocation. In addition, it is required that a federal Request for Authorization (RFA) be submitted simultaneously with the ATP allocation request to Caltrans and CTC when the ATP project includes federal funds. In the ATP, all projects are subject to be a mix of federal and state funds, and therefore require a CTC allocation, and a federal authorization to proceed (if federal funds are on the project) prior to the expenditure of eligible costs or advertisement of contract award.

Deviations from Statewide Policies

Below are MTC-region specific policies as they apply to the Regional Competitive Active Transportation Program. These policies differ from CTC's Guidelines.

1. Application Process and Additional Regional Screening/Evaluation Criteria

MTC elects to hold a separate call for projects for the Regional Competitive Active Transportation Program, and has one additional evaluation criteria. The additional criteria will give points for projects that support previously-adopted regional priorities and projects that meet *Plan Bay Area's*

objective to meet SB 375 commitments. MTC has also included various project screening criteria and additional language for consistency with regional policies and goals. Further information on these changes, as well as instructions on the application process are detailed later in this guidance.

Project Sponsors may apply for either the State ATP program or Regional Competitive Active Transportation Program, or both. Sponsors applying to the State ATP program or to both the state and regional programs must submit a copy of their state application to MTC, along with a regional application.

2. Definition of Disadvantaged Communities

The CTC Guidelines state that an MPO may define Disadvantaged Communities differently than the three criteria outlined in the statewide guidance. The MTC region has already adopted a measure to define Disadvantaged Communities known as "Communities of Concern". MTC recently updated the Communities of Concern definition in 2013 as a part of the *Plan Bay Area Equity Analysis Report*.

MTC's Communities of Concern are defined as those census tracts having either 1) significant concentrations of both low-income and minority residents, or 2) significant concentrations of any four or more of the following eight disadvantage factors: minority persons; low-income persons below 200% of the federal poverty level (about \$44,000 per year for a family of four); persons with Limited English Proficiency; zero-vehicle households; seniors aged 75 and over; persons with a disability; single-parent families; and housing units occupied by renters paying more than 50% of household income on rent. The concentration thresholds for these factors are described below.

Disadvantage Factor	% of Regional Population	Concentration Threshold
1. Minority Population	54%	70%
2. Low Income (<200% of Poverty) Population	23%	30%
3. Limited English Proficiency Population	9%	20%
4. Zero-Vehicle Households	9%	10%
5. Seniors Aged 75 and Over	6%	10%
6. Population with a Disability	18%	25%
7. Single-Parent Families	14%	20%
8. Rent-Burdened Households	10%	15%

Based on this definition, roughly 20% of the region's population is located in Communities of Concern. MTC's Communities of Concern definition of Disadvantaged Communities meets the State's legislative intent, and has already been in use in the MTC region for planning and programming purposes.

Additional discussion of the Communities of Concern definition and methodology are included in the *Plan Bay Area Equity Analysis Report* and associated Appendix, available online at:

[http://onebayarea.org/pdf/final supplemental reports/FINAL PBA Equity Analysis Report.pdf](http://onebayarea.org/pdf/final_supplemental_reports/FINAL_PBA_Equity_Analysis_Report.pdf) and [http://onebayarea.org/pdf/final supplemental reports/FINAL PBA Equity Analysis Report-Appendices.pdf](http://onebayarea.org/pdf/final_supplemental_reports/FINAL_PBA_Equity_Analysis_Report-Appendices.pdf). Further, applicants can find an online map showing precise locations of Communities of Concern online at: <http://geocommons.com/maps/118675>.

3. Match Requirement

The CTC Guidelines prescribe a match requirement of 11.47%, which is waived for projects benefiting a Disadvantaged Community, stand-alone non-infrastructure projects, and safe routes to schools projects. The CTC Guidelines allow MPOs to define its own match requirements for the Regional Competitive Active Transportation Program.

Consistent with CTC guidance, the match requirement for the regional ATP is 11.47%, with the same match waivers for projects benefiting a Community of Concern, stand-alone non-infrastructure projects, and safe routes to schools projects. As an added provision, a project sponsor may request the local match requirement be waived for the construction phase of an infrastructure project if the pre-construction phases are entirely funded using non-federal and non-ATP funds. This provision minimizes the number of federalized phases requiring an E-76 through Caltrans Local assistance.

4. Contingency Project List

MTC will adopt a list of projects for programming the Regional Competitive ATP that is financially constrained against the amount of ATP funding available (as identified in the approved ATP Fund Estimate). In addition, MTC will include a list of contingency projects, ranked in priority order based on the project's evaluation score. MTC intends to fund projects on the contingency list should there be any project failures or savings in the Cycle 1 Regional Competitive ATP. This will ensure that the Regional Competitive ATP will fully use all ATP funds, and that no ATP funds are lost to the region.

Application Process

Project Application

Upon CTC concurrence of MTC's Regional ATP Guidelines, MTC will issue a call for projects for the Regional Competitive Active Transportation Program. Project sponsors must complete an application for each new project proposed for funding in the ATP, consisting of the items included in Appendix A-3 of this guidance. In addition to MTC's Fund Management System (FMS) application, project sponsors must use the Project Programming Request (PPR) forms provided by Caltrans for all projects. The nomination sheet must be submitted electronically for upload into the regional and statewide databases. All application materials, in the form of 5 hard copies and 1 electronic copy (via CD/DVD, portable hard drive, or USB thumb drive) must be received by MTC no later than 4 PM on July 24, 2014 in order to be considered.

Additional Project Screening Criteria, Including Readiness

In addition to the CTC Guidelines, all projects included in the ATP must meet the following criteria.

- A. Prohibition of Multiple Phases in Same Year.** Project sponsors must provide sufficient time between the scheduled allocation of environmental funds and the start of design, right of way or construction. Therefore, projects with right of way acquisition may not have more than one phase programmed per fiscal year.
- B. Deliverability.** Project sponsors must demonstrate they can meet the expedited delivery timeframe imposed on the program by the CTC. Projects that can be delivered (receive a CTC allocation and federal authorization to proceed for federal funds) earlier, shall receive priority for funding over other projects. For projects programmed in FY 2014-15, sponsors submit the CTC allocation and obligation paperwork to Caltrans/CTC by January 31, 2015, and receive the federal authorization to proceed (E-76 / federal obligation) by March 31, 2015. For projects programmed in FY 2015-16, sponsors submit the CTC allocation and obligation paperwork to Caltrans/CTC by November 1, 2015, and receive the federal authorization to proceed (E-76 / federal obligation) by January 31, 2016. ATP funds for the environmental phase must be programmed and obligated in FY 2014-15. There are no extensions to these deadlines.

Additional Project Evaluation Criterion

MTC will use the CTC project evaluation criteria as set forth in the CTC Guidelines, with one additional criterion for the Regional Competitive Active Transportation Program. The additional criterion is:

- **Consistency with Regional Priorities and Planning Efforts. (0 to 10 points)**
Applicants shall describe the project's consistency with previously-approved regional priorities, and how the project meets *Plan Bay Area's* objective to meet SB 375 commitments. Points will be awarded for the degree of the proposed project's consistency with regional priorities, such as:
 - Consistency with *Plan Bay Area's* Healthy and Safe goals of reduction of particulate matter, collision reduction and encouragement of active transport
 - Consistency with MTC's Safe Routes to School Program
 - Establishment and expansion of regional bike share
 - Bay Trail build-out
 - Regional Bike Network build-out
 - Gap closures in the Regional Bike Network
 - Multi-jurisdictional projects

Additional Regional Policies

Title VI Compliance

Investments made in the ATP must be consistent with federal Title VI requirements. Title VI prohibits discrimination on the basis of race, color, disability, and national origin in programs and activities receiving federal financial assistance.

MTC Resolution No. 3606 Compliance – Regional Project Delivery Policy

The CTC ATP Guidelines establish timely use of funds and project delivery requirements for ATP projects. Missing critical milestones could result in deletion of the project from the ATP, and a

permanent loss of funds to the region. Therefore, these timely use of funds deadlines must be considered in programming the various project phases in the ATP. While the CTC Guidelines provide some flexibility with respect to these deadlines by allowing for deadline extensions under certain circumstances, the CTC is very clear that deadline extensions will be the exception rather than the rule. MTC Resolution No. 3606 details the Regional Project Delivery Policy for regional discretionary funding, which may be more restrictive than the State's delivery policy. All projects in the regional ATP are subject to the Regional Project Delivery Policy (MTC Resolution 3606). For additional information, refer to http://www.mtc.ca.gov/funding/delivery/MTC_Res_3606.pdf

MTC Resolution No. 3765 Compliance – Complete Streets Checklist

MTC's Resolution No. 3765 requires project sponsors to complete a checklist that considers the needs of bicycles and pedestrians for applicable projects. The Complete Streets Checklist (also known as "Routine Accommodations Checklist") is available through MTC's website online at http://www.mtc.ca.gov/planning/bicyclespedestrians/routine_accommodations.htm. Furthermore, it is encouraged that all bicycle projects programmed in the ATP support the Regional Bicycle Network. Guidance on considering bicycle transportation can be found in MTC's 2009 Regional Bicycle Plan (a component of Transportation 2035) and Caltrans Deputy Directive 64. MTC's Regional Bicycle Plan, containing federal, state and regional policies for accommodating bicycles and non-motorized travel, is available on MTC's Web site at: <http://www.mtc.ca.gov/planning/bicyclespedestrians/>.

METROPOLITAN TRANSPORTATION COMMISSION (MTC)
Regional Active Transportation Program (ATP)
Tentative Development Schedule (Subject to Change)
April 23, 2014

September 26, 2013	Governor signs bill creating Active Transportation Program (ATP)
November 27, 2013	CTC releases draft ATP Guidelines
March 2014	Draft Regional ATP Guidelines presented to Working Groups
March 20, 2014	CTC scheduled adoption of State ATP Guidelines CTC scheduled release of ATP Call for Projects for Statewide Competitive Program
April 9, 2014	MTC Programming and Allocations Committee (PAC) scheduled review and recommendation of final proposed Regional ATP Guidelines
April 23, 2014	MTC Commission scheduled adoption of Regional ATP Guidelines MTC submits approved Regional ATP Guidelines to CTC for consideration
May 21, 2014	State ATP Applications Due to CTC (Statewide Program) CTC scheduled approval of MTC's Regional ATP Guidelines (CTC Meeting – San Diego) MTC releases ATP Call for Projects for Regional Competitive Program
July 24, 2014	Regional ATP Applications Due to MTC (Regional Competitive Program)
August 8, 2014	CTC releases staff recommendation for ATP Statewide Competitive Program
August 20, 2014	ATP Statewide Program Adoption: CTC scheduled to adopt statewide program and transmit unsuccessful projects to the Regions for consideration
August 2014	MTC releases staff recommendation for ATP Regional Competitive Program
September 2014	Working Group discussions of staff recommendations
September 10, 2014	MTC Programming and Allocation Committee (PAC) scheduled review and recommendation of final ATP Regional Competitive Program
September 24, 2014	ATP Regional Competitive Program Adoption: MTC Commission scheduled approval of ATP regional program and transmittal to CTC for consideration
December 10, 2014	CTC Approval of ATP Regional Competitive Program: CTC scheduled to approve Regional Program
December 17, 2014	MTC Commission scheduled to approve TIP Amendment to add ATP projects into federal TIP
January 31, 2015	TIP Approval: FHWA/FTA anticipated approval of ATP projects in federal TIP Allocation/Obligation Submittal Deadline for Regional ATP projects programmed in FY 2014-15
March 31, 2015	Allocation/Obligation Deadline for Regional ATP projects programmed in FY 2014-15
November 1, 2015	Allocation/Obligation Submittal Deadline for Regional ATP projects programmed in FY 2015-16
January 31, 2016	Allocation/Obligation Deadline for Regional ATP projects programmed in FY 2015-16

Shaded Area – Actions by State, CTC or Caltrans

Appendix A-2

MTC Resolution No. 4132
Attachment A, Appendix A-2
Adopted: 04/23/14-C

Regional Active Transportation Program (ATP)

Cycle 1

Regional Share

FY 2013-14 through FY 2015-16

April 2014

ATP Regional Share

All numbers in thousands

Fund Source	FY 2014-15 *	FY 2015-16	Total Regional ATP
Federal TAP	\$10,503	\$5,252	\$15,755
Federal Other	\$3,829	\$1,915	\$5,744
State	\$5,816	\$2,908	\$8,724
Total ATP Regional Share	\$20,148	\$10,075	\$30,223

Disadvantaged Communities Target

Classification	FY 2014-15 *	FY 2015-16	Total Regional ATP
25% - Benefiting Disadvantaged Communities	\$5,037	\$2,519	\$7,556
75% - Anywhere in the Region	\$15,111	\$7,556	\$22,667
Total ATP Regional Share	\$20,148	\$10,075	\$30,223

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* Due to the late start with the program, FY 2013-14 funding is included in delivery target for FY 2014-15

Appendix A-3: Regional Competitive ATP Project Application

Project sponsors must submit a completed project application for each project proposed for funding in the Regional Competitive Active Transportation Program. The application consists of the following six parts and are available on the Internet (as applicable) at: <http://www.mtc.ca.gov/funding/ATP/>

1. Cover letter on Agency letterhead signed by the applicant's Chief Executive Officer or other officer authorized by the applicant's governing board
 - a. If the proposed project is implemented by an agency other than the project sponsor, documentation of the agreement between the two entities must be included
2. Project application forms
 - a. Statewide ATP Application Form, available at <http://www.catc.ca.gov/programs/ATP.htm>
 - b. Regional competitive ATP Supplemental Application Form, available at <http://www.mtc.ca.gov/funding/ATP/>
3. Project Programming Request (PPR) form
 - a. Available at: [http://www.dot.ca.gov/hq/transprog/ocip/pprs/PPR%20-%20New%20Projects%20-%207-8-13 FY%2014-15%20thru%2018-19.xls](http://www.dot.ca.gov/hq/transprog/ocip/pprs/PPR%20-%20New%20Projects%20-%207-8-13%20FY%2014-15%20thru%2018-19.xls)
4. Documentation of all other funds committed to the project
5. Resolution of Local Support
 - a. Available at: http://files.mtc.ca.gov/pdf/ATP/ATP_Resolution_Local_Support.docx
6. Complete Streets Checklist
 - a. Available at: http://www.mtc.ca.gov/planning/bicyclespedestrians/routine_accommodations.htm

APPENDIX A – 40

Project Delivery

**Regional Policy for Enforcing Funding Deadlines
and Project Substitution Requests for Surface
Transportation Program (STP) and Congestion Mitigation
and Air Quality Improvement Program (CMAQ) Funds**

MTC Resolution No. 3606



Date: October 22, 2003
W.I.: 1512
Referred by: PAC
Revised: 04/26/06-C 07/23/08-C
01/22/14-C

ABSTRACT

Resolution No. 3606, Revised

This Resolution establishes the regional policy for project delivery for the Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users (SAFETEA) period and subsequent extensions, for Surface Transportation Program (STP) and Congestion Management and Air Quality Improvement (CMAQ) funds.

This resolution was revised on April 26, 2006 to reflect changes in Caltrans procedures and federal regulations.

This resolution was revised on July 23, 2008 to advance the obligation and obligation request submittal deadlines in response to a change in Caltrans' release date for unused regional Obligation Authority (OA).

Attachment A to the resolution was revised on January 22, 2014 to advance the obligation and obligation request submittal deadlines to be more aligned with the summer construction season, shorten the award deadline to be consistent with CTC and Caltrans requirements, expand the policy to cover all FHWA-administered funds programmed in the TIP rather than just STP/CMAQ funds, establish local public agency project management expectations, require a single point of contact for all agencies delivering projects with FHWA-administered funds, apply the policy to MAP-21 and beyond, and modify attachment A to focus on specific Commission policies rather than general guidance which are to be promulgated by staff in consultation with partnering agencies.

Further discussion of this action is contained in the summary/ MTC Executive Director's Memorandums to the MTC Programming and Allocations Committee dated October 8, 2003, April 12, 2006, July 9, 2008, and January 8, 2014.

Date: October 22, 2003
W.I.: 1512
Referred by: PAC

Re: Regional Project Delivery Policy for TEA-21 Reauthorization for STP and CMAQ Funds

METROPOLITAN TRANSPORTATION COMMISSION
RESOLUTION NO. 3606

WHEREAS, the Metropolitan Transportation Commission (MTC) is the regional transportation planning agency (RTPA) for the San Francisco Bay Area pursuant to Government Code § 66500 et seq.; and

WHEREAS, MTC is the designated Metropolitan Planning Organization (MPO) for the nine-county San Francisco Bay Area Region (the region); and

WHEREAS, MTC, as the designated RTPA and MPO for the region, is responsible for programming and managing certain federal and state funding provided to the San Francisco Bay Area for transportation purposes; and

WHEREAS, Assembly Bill 1012 (Chapter 783, Statutes of 1999 - Torlakson) established stringent timely use of funds deadlines for projects receiving federal Surface Transportation Program (STP) and Congestion Mitigation and Air Quality Improvement (CMAQ) program funding; and

WHEREAS, Section 16304 of the California Government Code requires that federal funds obligated to a project must be encumbered within two state fiscal years following the year of obligation, and requires that these funds be liquidated (expended, invoiced and reimbursed) within three state fiscal years following the state fiscal year of encumbrance; and

WHEREAS, the region could lose STP and CMAQ funding if projects within the region do not adhere to the timely use of funds requirements under AB 1012 and Section 16304 of the California Government Code; and

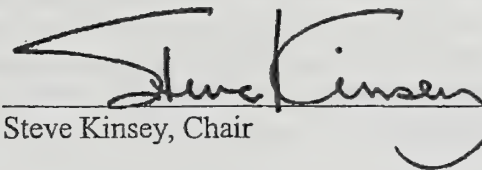
WHEREAS, the region has used all of its federal Obligation Authority (OA) under TEA-21 and has over 125 projects totaling approximately \$100 million waiting for additional OA; and

WHEREAS, MTC has established regional obligation deadlines for projects receiving STP and CMAQ funding to ensure that the region obligates federal funding in a timely manner; and

WHEREAS, Attachment A to this resolution, attached hereto and incorporated herein as though set forth at length, establishes the policy for managing the region's OA and enforcing the region's delivery of STP and CMAQ funding; now, therefore, be it

RESOLVED, that MTC approves the Regional Project Delivery Policy for TEA-21 Reauthorization for STP and CMAQ funds set forth in Attachment A to this resolution.

METROPOLITAN TRANSPORTATION COMMISSION



Steve Kinsey, Chair

The above resolution was entered into by the Metropolitan Transportation Commission at a regular meeting of the Commission held in Oakland, California, on October 22, 2003

Date: October 22, 2003
W.I.: 1512
Referred by: PAC
Revised: 04/26/06-C 07/23/08-C
01/22/14-C

Attachment A
MTC Resolution No. 3606
Page 1 of 5

**Regional Project Funding Delivery Principles for
FHWA-Administered Federal Funds
in the San Francisco Bay Area**

Background

As the federally designated Metropolitan Planning Organization (MPO) and the agency serving as the Regional Transportation Planning Agency (RTPA) for the nine-counties of the San Francisco Bay Area, the Metropolitan Transportation Commission (MTC) is responsible for various funding and programming requirements, including, but not limited to: development and submittal of the Regional Transportation Improvement Program (RTIP); managing and administering the federal Transportation Improvement Program (TIP); and project selection for various fund sources (referred collectively as 'Regional Discretionary Funding').

As a result of the responsibility to administer these funding programs, the region has established various principles for the delivery of regional discretionary funds in various programs, including the regional Surface Transportation Program (STP), Congestion Mitigation and Air Quality Improvement (CMAQ) Program, regional Transportation Alternatives Program (TAP) and Regional Transportation Improvement Program (RTIP), to ensure timely project delivery against state and federal funding deadlines. The regional project funding delivery principles establish a standard policy and guidance for implementing project funding deadlines for these and other federal funds administered by the Federal Highway Administration (FHWA) during the Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU), the Moving Ahead for Progress in the 21st Century (MAP 21) and subsequent extensions and federal transportation acts.

Regional Project Funding Delivery Policy Intent

The intent of this regional project funding delivery policy is to ensure implementing agencies do not lose transportation funds due to missing a federal or state funding deadline, while providing maximum flexibility in delivering transportation projects. It is also intended to assist the region in managing Obligation Authority (OA), and in meeting federal financial constraint requirements. MTC has purposefully established regional deadlines in addition to state and federal funding deadlines to provide the opportunity for implementing agencies, the county Congestion Management Agencies (CMAs), Caltrans, and MTC to solve potential project delivery issues and bring projects back on-line in advance of losing funds due to a missed funding deadline. The policy is also intended to assist in project delivery, and ensure funds are used in a timely manner.

The policy applies to all FHWA-administered funds programmed in the federal TIP, with additional principles applied to regional discretionary funding as noted. Implementing agencies should pay close attention to additional state and federal deadlines and requirements imposed on their funding so as not to miss any other applicable funding deadlines, such as those required by the California Transportation Commission (CTC).

This regional project funding delivery policy was developed by the San Francisco Bay Area Partnership, through the working groups of the Bay Area Partnership's Technical Advisory Committee (PTAC) consisting of representatives of Caltrans, CMAs, transit operators, counties, cities and MTC staff.

Benefits of the Regional Project-Funding Delivery Policy and Principles:

The following are key benefits of the policy and principles:

- Strengthens the region's delivery efforts, which has assisted the region and sponsors in delivering to the full apportionment and Obligation Authority (OA) levels.
- Strengthens the region's ability to meet AB 1012 requirements, and incorporate Caltrans and FHWA post-obligation requirements, thus minimizing risk of losing federal transportation funding.
- Supports subsequent requests for additional federal funding for the region by demonstrating success in delivery of regional transportation projects.
- Establishes standard guidance to be applied for all regional discretionary funds and programming cycles and all FHWA-administered funds included in the TIP. A standardized policy makes it easier for project sponsors to implement project delivery strategies consistently among the programmed projects.
- Keeps the region ahead of other regions in the state, that in recent years have been improving their own delivery rates.

Regional Principles

The following requirements apply to the management and implementation of FHWA-administered funds within the region:

- **Federal funds must comply with federal fiscal constraint requirements.** FHWA-administered federal funds are to be programmed in the federal Transportation Improvement Program (TIP), up to the apportionment level for that fiscal year, in the fiscal year in which the funds are to be obligated by FHWA or transferred to the Federal Transit Administration (FTA) or allocated by the CTC.
- **Regional discretionary funds are project specific.** Projects are chosen for the program based on eligibility, project merit, and deliverability within the established deadlines. The regional discretionary funds are for those projects alone and may be used for any phase of

the project, unless otherwise specified at the time of programming, in accordance with Caltrans procedures and federal regulations.

- **Funds must be included in the annual obligation plan.** MTC staff, in consultation with regional partners, will prepare an annual obligation plan as required by California Streets and Highway Code 182.6(f) at the end of each state fiscal year based on the funding programmed in the federal TIP and the apportionment and OA expected to be available. This plan will be the basis upon which obligations will be made in the following federal fiscal year.
- **Advance Construction Conversion has priority for funding.** Conversion of Advance Construction Authorization (AC) to full authorization receives priority in the annual obligation plan. At the end of the federal authorization Act, AC may be the only option available should the region fully use its Obligation Authority.
- **Federal funds must meet timely use of funds requirements.** To comply with federal timely use of funds requirements, the Request for Authorization (RFA) and obligation (E-76 authorization/ FTA Transfer) deadlines are November 1 and January 31, respectively. These deadlines align with the natural schedule to have projects ready for the following summer construction season.
- **Projects may be advanced from future years.** Obligations for funds advanced from future years of the TIP will be permitted only upon the availability of surplus OA and generally will only be considered after the obligation submittal deadline of November 1. OA is available first-come first-served after January 31. In some years OA may not be available for project advancements until after April 30, when Caltrans releases unused OA statewide.
- **CTC allocation and FHWA authorization requests should be coordinated.** To ensure deadlines imposed by the CTC are met, allocation requests to the CTC for federal funds should be accompanied with a complete RFA package, so the authorization request for federal funds may be submitted to FHWA immediately following CTC action.
- **Funds for construction should be awarded within 6 months of obligation.** This deadline is for consistency with the CTC's 6-month award deadline following CTC allocation, and to ensure there are eligible expenditures to invoice against to meet Caltrans' 6-month invoicing requirement and FHWA's inactive obligations requirements.
- **Funds must be invoiced against at least once every 6 months.** Project sponsors must submit a valid invoice to Caltrans Local Assistance at least once every 6 months and receive a reimbursement at least once every 9 months, but should not submit an invoice more than quarterly. This ensures the sponsor complies with Caltrans requirements and the project does not become inactive under FHWA's rules.

- **Funds not used in a timely manner are subject to rescission.** For regional discretionary funds subject to a federal rescission, the rescinded funding will first apply to projects with funds that have missed the regional obligation deadline and to projects with funds that have been de-obligated but not yet re-obligated. This ensures future funding commitments are not impacted due to delivery failures of earlier-funded projects.
- **Local Agencies delivering federal-aid projects are to assign a single point of contact.** Every Local Public Agency (LPA) with FHWA-administered funds programmed in the federal TIP must identify and maintain a staff position that serves as the single point of contact for the implementation of all FHWA-administered funds within that agency. This will improve communication and coordination of delivering federal-aid projects.
- **Local Public Agencies should be qualified in the federal-aid process.** By requesting the programming of federal funds in the federal TIP, the agency is self-certifying they are qualified to deliver federal-funding transportation projects. This regional qualification is to help confirm the jurisdiction has the appropriate knowledge and expertise to deliver the federal-aid project.
- **LPAs should engage in good project management practices.** Project sponsors that miss delivery milestones and funding deadlines for FHWA-administered funds are required to prepare and update a delivery status report on major delivery milestones for all active projects with FHWA-administered funds and participate, if requested, in a consultation meeting with the county CMA, MTC and Caltrans. This will ensure sponsors are actively monitoring the status of their projects to ensure federal funds are not lost.
- **LPAs should be in good standing.** It is the responsibility of the implementing agency at the time of project application and programming to ensure the regional deadlines and provisions of the regional project funding delivery policy can be met. Agencies with difficulty in delivering existing FHWA federal-aid projects will have future programming and OA restricted for additional projects until the troubled projects are brought back on schedule, and the agency demonstrates it can deliver new projects within the funding deadlines and can meet federal-aid project requirements.
- **Guidance on these delivery principles shall be promulgated by MTC staff.** Commission policies and principles for the management and implementation of FHWA-administered funds programmed in the federal TIP shall be promulgated by staff through the development of regional guidance in consultation with partner agencies.

Consequences of Non-compliance

It is the responsibility of the implementing agency to ensure the funds can be used within the established regional, state and federal deadlines and that the provisions of the regional project-funding delivery policy, and all other state and federal requirements can be met. It is also the responsibility of the implementing agency to continuously monitor the progress of all their FHWA federal-aid projects against these regional, state and federal funding deadlines and milestones and report any potential difficulties in meeting these deadlines to MTC, Caltrans and

the appropriate county CMA within a timely manner. MTC, Caltrans and the CMAs are available to assist the implementing agencies in meeting the funding deadlines, and will work with the agency to find solutions that avoid the loss of funds.

Agencies that do not meet these funding deadlines risk the loss of federal funds. To minimize such losses to the region, and encourage timely project delivery, agencies that continue to be delivery-challenged and/or have current projects that have missed the funding deadlines, or are out of compliance with federal-aid requirements and deadlines will have future obligations, programming or requests for advancement of funds restricted until their projects are brought back into good standing. Projects are selected to receive Regional Discretionary Funding based on the implementing agency's demonstrated ability to deliver the projects within the funding deadlines. An agency's proven delivery record will be used for selecting projects for funding and placement in a particular year of the TIP, and for receipt of OA.

APPENDIX A – 41

Project Delivery

Regional Project Delivery Policy Guidance



**Metropolitan Transportation Commission (MTC)
Regional Project Funding Delivery Policy Guidance for
FHWA-Administered Federal Funds
In the San Francisco Bay Area
MTC Resolution 3606
January 22, 2014**

Regional Project Funding Delivery Policy Intent

The intent of the regional funding delivery policy is to ensure implementing agencies do not lose any funds due to missing a federal or state funding deadline, while providing maximum flexibility in delivering transportation projects. It is also intended to assist the region in managing Obligation Authority (OA) and meeting federal financial constraint requirements. MTC has purposefully established regional deadlines in advance of state and federal funding deadlines to provide the opportunity for implementing agencies, Congestion Management Agencies (CMAs), Caltrans, and MTC to solve potential project delivery issues and bring projects back in-line in advance of losing funds due to a missed funding deadline. The policy is also intended to assist in project delivery, and ensure funds are used in a timely manner.

Although the policy guidance specifically addresses the Regional Discretionary Funding managed by MTC, the state and federal deadlines cited apply to all federal-aid funds administered by the state (with few exceptions such as congressionally mandated projects including Earmarks which come with their own assigned OA). Implementing agencies should pay close attention to the deadlines of other state and federal funds on their projects so as not to miss any other applicable funding deadlines, such as those imposed by the CTC on funds it administers and allocates.

This regional project delivery policy guidance was developed by the San Francisco Bay Area's Partnership, through the working groups of the Bay Area Partnership Technical Advisory Committee's (PTAC) consisting of representatives of Caltrans, county Congestion Management Agencies (CMAs), transit operators, counties, cities, interested stakeholders, and MTC staff.

General Policy Guidance

As the federally designated Metropolitan Planning Organization (MPO) and the agency serving as the Regional Transportation Planning Agency (RTPA) for the nine-counties of the San Francisco Bay Area, the Metropolitan Transportation Commission (MTC) is responsible for various funding and programming requirements, including, but not limited to: development and submittal of the Regional Transportation Improvement Program (RTIP); managing and administering the federal Transportation Improvement Program (TIP); and project selection for designated federal funds (referred collectively as 'Regional Discretionary Funding');

As a result of the responsibility to administer these funding programs, the region has established various deadlines for the delivery of regional discretionary funds including the

regional Surface Transportation Program (STP), Congestion Mitigation and Air Quality Improvement (CMAQ) Program, regional Transportation Alternatives Program (TAP) and Regional Transportation Improvement Program (RTIP) to ensure timely project delivery against state and federal funding deadlines. MTC Resolution 3606 establishes standard guidance and policy for enforcing project funding deadlines for these and other FHWA-administered federal funds during the Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU) the Moving Ahead for Progress in the 21st Century (MAP 21) and subsequent extensions and federal transportation acts.

Once FHWA-administered funds are transferred to FTA, non-applicable provisions of this policy guidance no longer apply. The project sponsor must then follow FTA guidance and requirements.

FHWA-administered federal funds are to be programmed in the federal Transportation Improvement Program (TIP), up to the apportionment level for that fiscal year, in the fiscal year in which the funds are to be obligated by the Federal Highway Administration (FHWA) or transferred to the Federal Transit Administration (FTA).

The regional discretionary funds such as the RTIP, STP, CMAQ and regional-TAP funds are project specific. Projects are chosen for the program based on eligibility, project merit, and deliverability within the established deadlines. The regional discretionary funds are for those projects alone, and may be used for any phase of the project, unless otherwise specified at the time of programming, in accordance with Caltrans procedures and federal regulations.

It is the responsibility of the implementing agency at the time of project application and programming to ensure the regional deadlines and provisions of the regional project funding delivery policy can be met. Agencies with difficulty in delivering existing FHWA federal-aid projects will have future programming and Obligation Authority (OA) restricted for additional projects until the troubled projects are brought back on schedule, and the agency has demonstrated it can deliver new projects within the funding deadlines and can meet all federal-aid project requirements.

MTC staff will actively monitor and report the obligation status of projects to the Working Groups of the Bay Area Partnership. The Working Groups will monitor project funding delivery issues as they arise and make recommendations to the Partnership Technical Advisory Committee (PTAC) as necessary.

The implementing agency or MTC may determine that circumstances may justify changes to the regional discretionary fund programming. These changes, or revisions to these regional programs, are not routine. Proposed changes will be reviewed by MTC staff before any formal actions on program amendments are considered by the MTC Commission. Regional discretionary funds may be shifted among any phase of the project without the concurrence or

involvement of MTC if allowed under Caltrans procedures and federal regulations. All changes must follow MTC policies on the Public Involvement Process and Federal Air Quality Procedures and Conformity Protocol. Changes must be consistent with the Regional Transportation Plan (RTP), must not adversely affect the expeditious implementation of Transportation Control Measures (TCMs), must comply with the provisions of Title VI, must not negatively impact the deliverability of other projects in the regional programs, and must not affect the conformity finding in the TIP. Additionally, any changes involving funding managed by the California Transportation Commission (CTC), such as RTIP and TAP, must also follow the CTC's processes for amendments and fund management.

Regional Discretionary Funding:

Regional Discretionary Funding is revenue assigned to MTC for programming and project selection, including but not limited to funding in the Regional Transportation Improvement Program (RTIP), Surface Transportation Program (STP) funding, Congestion Mitigation and Air Quality Improvement (CMAQ) funding, regional Transportation Alternatives Program (TAP) funding and any subsequent federal funding programs at MTC's discretion. The funds are referred collectively as Regional Discretionary Funding.

Programming to Apportionment in the year of Obligation/Authorization

Federal funds are to be programmed in the TIP, up to the apportionment level available, in the fiscal year in which the funds are to be obligated by FHWA or transferred to FTA. The implementing agency is committed to obligate/transfer the funds by the required obligation deadline once the program year in the TIP becomes the current year, and the regional annual Obligation Plan has been developed for that year. This will improve the overall management of federal apportionment and Obligation Authority (OA) within the region and help ensure apportionment and OA are available for projects that are programmed in a particular year. It will also assist the region in meeting federal financial constraint requirements. At the end of the federal authorization act, MTC will reconcile any differences between final apportionments, programmed amounts, obligations and actual OA received for the funds it manages.

Advanced Project Selection Process

Obligations for funds advanced from future years of the TIP will be permitted only upon the availability of surplus OA, with Advance Construction Authorization (ACA) projects in the annual obligation plan having first priority for OA in a given year, and current programmed projects that have met the delivery deadlines having second priority for OA in a given year. Advanced obligations will be based on the availability of OA and generally will only be considered after January 31 of each fiscal year. In some years OA may not be available for advancements until after May 1, but the funds must be included in the annual obligation plan, and the obligation request for the advanced OA should be received by Caltrans prior to May 1.

Agencies requesting advanced funding should be in good standing in meeting deadlines for other FHWA federal-aid projects. Restrictions may be placed on the advancement of funds for

agencies that continue to have difficulty delivering projects within required deadlines or have current projects that are not in compliance with funding deadlines and federal-aid requirements. MTC may consult with FHWA, Caltrans and/or the appropriate Congestion Management Agency (CMA) to determine whether the advancement of funds is warranted and will not impact the delivery of other projects.

Implementing agencies wishing to advance projects may request Advance Construction Authorization from FHWA, or pre-award authority from FTA, to proceed with the project using local funds until OA becomes available. ACA does not satisfy the obligation deadline requirement.

Important Tip: Caltrans releases unused local OA by May 1 of each year. Projects that do not access their OA through obligation or transfer to FTA by that date are subject to having their funds taken by other regions. This provision also allows the advancement of projects after May 1, by using unclaimed OA from other regions.

Advance Construction Authorization (ACA)

Agencies that cannot meet the regional, state or federal deadlines subsequent to the obligation deadline (such as award and invoicing deadlines) have the option to use Advance Construction Authorization (ACA) rather than seeking an obligation of funds and risk losing the funds due to missing these subsequent deadlines. For example if the expenditure of project development funds or award of a construction contract, or project invoicing cannot easily be met within the required deadlines, the agency may consider using ACA until the project phase is underway and the agency is able to meet the deadlines. The use of ACA may also be considered by agencies that prefer to invoice once – at the end of the project, rather than invoice on the required semi-annual basis. When seeking this option, the project sponsor must program the local funds supporting the ACA in the same year of the TIP as the ACA, and program an equal amount of federal funds in the TIP in the year the ACA will be converted to a funding authorization.

ACA conversion to full obligation receives priority in the annual obligation plan. MTC will monitor the availability of OA to ensure delivery of other projects is not impacted by ACA conversions. At the end of the federal authorization Act, ACA may be the only option available should the region's OA be fully used.

Project Cost Savings/Changes in Scope/Project Failures – For FHWA-Administered Funds Managed By MTC (Regional Discretionary Funding)

Projects may be completed at a lower cost than anticipated, or have a minor change in scope resulting in a lower project cost, or may not proceed to implementation. In such circumstances, the implementing agency must inform MTC, Caltrans and the appropriate county Congestion Management Agency (CMA) within a timely manner that the funds resulting from these project funding reductions will not be used. Federal regulations require that the project proceed to

construction within ten years of initial federal authorization of any phase of the project. Furthermore, if a project is canceled, or fails to proceed to construction or right of way acquisition in ten years, FHWA will de-obligate any remaining funds, and the agency may be required to repay any reimbursed funds.

Project funding reductions accrued prior to the established obligation deadline are available for redirection within the program of origin. Savings within the CMA administered programs are available for redirection within the program by the respective CMA, subject to Commission approval. Project funding reductions within regional programs, are available for redirection by the Commission. For all programs, projects using the redirected funding reductions prior to the obligation deadline must still obligate the funds within the original deadline.

Minor adjustments in project scope may be made to accommodate final costs, in accordance with Caltrans (and if applicable, CTC) procedures and federal regulation. However, Regional Discretionary Funding managed by MTC and assigned to the project is limited to the amount approved by MTC for that specific project. Once funds are de-obligated, there is no guarantee replacement funding will be available for the project. However, in rare instances, such as when a project becomes inactive, funds de-obligated from a project may be made available for that project once again, as long as the de-obligated funds are not rescinded and are re-obligated within the same federal fiscal year.

For federal regional discretionary funds managed by MTC, any funding reductions or unused funds realized after the obligation deadline return to MTC. Any Regional Discretionary Funding such as STP/CMAQ funds that have been obligated but remain unexpended at the time of project close-out will be de-obligated and returned to the Commission for reprogramming. However, for funding administered by the CTC, such as STIP funds, any unexpended funds at the time of project close-out are returned to the state rather than the region.

In selecting projects to receive redirected funding, the Commission may use existing lists of projects that did not receive funding in past programming exercises, or direct the funds to agencies with proven on-time project delivery, or could identify other projects with merit to receive the funding, or retain the funding for future programming cycles. Final decisions regarding the reprogramming of available funds will be made by the Commission.

Important Tip: If a project is canceled and does not proceed to construction or right of way acquisition within 10 years, the agency may be required to repay all reimbursed federal funds.

Federal Rescissions

FHWA regularly rescinds unused federal funds, either annually as part of the annual federal appropriations or at the end or beginning of a federal transportation act or extension. Therefore, local public agencies must obligate the funds assigned to them within the deadlines established in this policy. Should regional discretionary funds be subject to a federal rescission,

the rescinded funding will first apply to projects with funds that have missed the regional obligation deadline and to projects with funds that have been de-obligated but not yet re-obligated, unless otherwise directed by the Commission.

Annual Obligation Plan

California Streets and Highway Code Section 182.6(f) requires the regions to notify Caltrans of the expected use of OA each year. Any local OA, and corresponding apportionment that is not used by the end of the fiscal year will be redistributed by Caltrans to other projects in a manner that ensures the state continues to receive increased obligation authority during the annual OA redistribution from other states. There is no provision in state statute that the local apportionment and OA used by the state will be returned.

MTC will prepare an annual Obligation Plan prior to each federal fiscal year based on the funding programmed in the TIP, and the apportionment and OA expected to be available in the upcoming federal fiscal year. This plan will be the basis upon which priority for OA and obligations will be made for the upcoming federal fiscal year. It is expected that the CMAs and project sponsors with funds programmed in the TIP will assist in the development of the plan by ensuring the TIP is kept up to date, and review the plan prior to submittal to Caltrans. Projects listed in the plan that do not receive an obligation by the deadline are subject to re-programming. Projects to be advanced from future years, or converted from ACA must be included in the plan to receive priority for obligations against available OA.

The project sponsor shall be considered committed to delivering the project (obligating/authorizing the funds in an E-76 or transferring to FTA) by the required funding deadline at the beginning of the federal fiscal year (October 1) for funding programmed in that year of the TIP. If a project or project phase will not be ready for obligation in the year programmed, the agency responsible for the project should request to delay the project prior to entering the federal fiscal year.

In the event that OA is severely limited, such as at the end of a federal authorization act, and there is insufficient OA to obligate all of the projects in the annual obligation plan, restrictions may be placed on funds for agencies that continue to have difficulty delivering projects within required deadlines or have current projects that are in violation of funding deadlines and federal-aid requirements.

Local Public Agency (LPA) Single Point of Contact

To further facilitate project delivery and ensure all federal funds in the region are meeting federal and state regulations, requirements and deadlines, every Local Public Agency (LPA) that receives FHWA-administered funds and includes these funds in the federal TIP will need to identify and maintain a staff position that serves as the single point of contact for the implementation of all FHWA-administered funds within that agency. The person in this position must have sufficient knowledge and expertise in the federal-aid delivery process to coordinate

issues and questions that may arise from project inception to project close-out. The local public agency is required to identify, maintain and update the contact information for this position at the time of programming changes in the federal TIP. This person will be expected to work closely with FHWA, Caltrans, MTC and the respective CMA on all issues related to federal funding for all FHWA-funded projects implemented by the recipient.

By applying for and accepting FHWA funds that must be included in the federal TIP, the project sponsor is acknowledging that it has and will maintain the expertise and staff resources necessary to deliver the federal-aid project within the funding timeframe, and meet all federal-aid project requirements.

FHWA-Administered Project Milestones Status

Project sponsors that miss delivery milestones and funding deadlines for FHWA-administered funds are required to prepare and update a delivery status report on major delivery milestones for all active projects with FHWA-administered funds and participate if requested in a consultation meeting with the county CMA, MTC and Caltrans to discuss the local agency's ability to deliver current and future federal-aid transportation projects, and efforts, practices and procedures to be implemented by the local agency to ensure delivery deadlines and requirements are met in the future. The purpose of the status report and consultation is to ensure the local public agency has the resources and technical capacity to deliver FHWA federal-aid projects, is fully aware of the required delivery deadlines, and has developed a delivery timeline that takes into consideration the requirements and lead-time of the federal-aid process within available resources. For purposes of the delivery status report, 'Active' projects are projects programmed in the current federal TIP with FHWA-administered funds (including those in grouped TIP listings), and projects with FHWA-administered funds that remain active (have received an authorization/obligation but have not been withdrawn or closed out by FHWA). The local public agency is to use the status report format provided by MTC, or use a report agreeable by the respective CMA and MTC staff.

Local Public Agency (LPA) Qualification

In an effort to facilitate project delivery and address federal-aid process requirements, Local Public Agencies (LPA) applying for and accepting FHWA administered funds must be qualified in the federal-aid process. By requesting the programming of federal funds in the federal TIP, the LPA is self-certifying they are qualified to deliver federal-funding transportation projects. This regional LPA qualification is to help confirm the jurisdiction has the appropriate knowledge and expertise to deliver the project. The regional LPA self-qualification is not a substitute for any state or federal certification requirements and is simply to acknowledge a minimum requirement by which a local agency can demonstrate to the respective CMA, MTC and Caltrans a basic level of readiness for delivering federal-aid projects. The purpose of the regional LPA qualification is to allow the LPA to program the funds in the federal TIP and has no other standing, implied or otherwise. The regional LPA qualification does not apply to transit operators that transfer all of their FHWA-administered funds to FTA.

To be 'regionally qualified' for regional discretionary funds, and for programming federal funds in the federal TIP, the LPA must comply with the following, in addition to any other state and federal requirements:

- Assign and maintain a single point of contact for all FHWA-administered projects implemented by the agency.
- Maintain a project tracking status of major delivery milestones for all programmed and active FHWA-administered projects implemented by the agency
- Have staff and/or consultant(s) on board who have delivered FHWA-administered projects within the past five years and/or attended the federal-aid process training class held by Caltrans Local Assistance within the past 5 years, and have the knowledge and expertise to deliver federal-aid projects.
- Maintain all active FHWA-administered projects in good standing with respect to regional, state and federal delivery deadlines, and federal-aid requirements
- Maintain the expertise and staff resources necessary to deliver federal-aid projects within the funding timeframe, and meet all federal-aid project requirements
- Has a financial/accounting system in place that meets state and federal invoicing and auditing requirements;
- Has demonstrated a good delivery record and delivery practices with past and current projects.

Maximizing Federal Funds on Local Projects

To facilitate project delivery and make the most efficient use of federal funds, project sponsors are encouraged to concentrate federal funds on fewer, larger projects and maximize the federal share on federalized project so as to reduce the overall number of federal-aid projects.

Sponsors may also want to consider using local funds for the Preliminary Engineering (PE) and Right of Way (ROW) phases and target the federal funds on the Construction (CON) phase, thus further reducing the number of authorizations processed by Caltrans and FHWA. Under the regional toll credit policy (MTC Resolution 4008) sponsors that demonstrate they have met or exceeded the total required non-federal project match in the earlier phases, may use toll credits in lieu of a non-federal match for the construction phase. However, sponsors must still comply with NEPA and other federal requirements for the PE and ROW phases. Such an approach can provide the sponsor with greater flexibility in delivering federal projects and avoiding invoicing requirements for the earlier phases. Sponsors pursuing this strategy should ensure that federal funds are programmed to the construction phase in the federal TIP so that Caltrans will prioritize field reviews and NEPA review and approval.

Specific Project-Level Policy Provisions

Projects selected to receive Regional Discretionary Funding must have a demonstrated ability to use the funds within the established regional, state and federal deadlines. This criterion will be used for selecting projects for funding, and for placement of funding in a particular year of

the TIP. Agencies with a continued history of being delivery-challenged and continue to miss funding delivery deadlines will have restrictions placed on future obligations and programming and are required to develop major milestone delivery schedules for each of their federal-aid projects.

It is the responsibility of the implementing agency to ensure the funds can be used within the established regional, state and federal deadlines and that the provisions of the regional funding delivery policy can be met. It is also the responsibility of the implementing agency to continuously monitor the progress of the programmed funds against regional, state and federal deadlines, and to report any potential difficulties in meeting these deadlines to MTC, Caltrans and the appropriate county CMA within a timely manner, to seek solutions to potential problems well in advance of potential delivery failure or loss of funding.

Specific project-level provisions of the Regional Project Funding-Delivery Policy are as follow:

- **Field Reviews**

Implementing agencies are to request a field review from Caltrans Local Assistance within twelve months of approval of the project in the TIP, but no less than twelve months prior to the obligation deadline of construction funds. This policy also applies to federal-aid projects in the STIP. The requirement does not apply to projects for which a field review would not be applicable, such as FTA transfers, regional operations projects and planning activities, or if a field review is otherwise not required by Caltrans. It is expected that Caltrans will conduct the review within 60 calendar days of the request.

Failure for an implementing agency to make a good-faith effort in requesting and scheduling a field review from Caltrans Local Assistance within twelve months of programming into the TIP (but no less than twelve months prior to the obligation deadline) could result in the funding being reprogrammed and restrictions on future programming and obligations. Completed field review forms (if required) must be submitted to Caltrans in accordance with Caltrans Local Assistance procedures.

- **Environmental Submittal Deadline**

Implementing agencies are required to submit a complete Preliminary Environmental Study (PES) form and attachments to Caltrans for all projects, twelve months prior to the obligation deadline for right of way or construction funds. This policy creates a more realistic time frame for projects to progress from the field review through the environmental and design process, to the right of way and construction phase. If the environmental process, as determined at the field review, will take longer than 12 months before obligation, the implementing agency is responsible for delivering the complete environmental submittal in a timely manner. Failure to comply with this provision could result in the funding being reprogrammed. The requirement does not apply to FTA transfers, regional operations projects or planning activities.

- **Obligation/Request For Authorization (RFA) Submittal Deadline**

Projects selected to receive Regional Discretionary funding must demonstrate the ability to obligate programmed funds by the established deadlines. This criterion will be used for selecting projects for funding, and for placement in a particular year of the TIP. It is the responsibility of the implementing agency to ensure the funding deadlines can be met.

In order to ensure funds are obligated or transferred to FTA in a timely manner, the implementing agency is required to deliver a complete, funding obligation / FTA Transfer Request for Authorization (RFA) package to Caltrans Local Assistance by November 1 of the fiscal year the funds are listed in the TIP. The RFA package is to include the CTC allocation request documentation for CTC administered funds such as STIP and state-TAP funded projects as applicable. Projects with complete packages delivered by November 1 of the TIP program year will have priority for available OA, after ACA conversions that are included in the Obligation Plan. If the project is delivered after November 1 of the TIP program year, the funds will not be the highest priority for obligation in the event of OA limitations, and will compete for limited OA with projects advanced from future years. Funding for which an obligation/ FTA transfer request is submitted after the November 1 deadline will lose its priority for OA, and be viewed as subject to reprogramming.

Important Tip: Once a federal fiscal year (October 1 through September 30) has begun, and the Obligation Plan for that year developed, the agency is committed to obligating/authorizing the funds by the required obligation deadline for that fiscal year. Funds that do not meet the obligation deadline are subject to re-programming by MTC.

Within the CMA administered programs, the CMAs may adjust delivery, consistent with the program eligibility requirements, up until the start of federal fiscal year in which the funds are programmed in the TIP, swapping funds to ready-to-go projects in order to utilize all of the programming capacity. The substituted project(s) must still obligate the funds within the original funding deadline.

For funds programmed through regional programs, the Commission has discretion to redirect funds from delayed or failed projects.

MTC Regional Discretionary Funding is subject to a regional obligation/ authorization/ FTA transfer deadline of January 31 of the fiscal year the funds are programmed in the TIP. Implementing agencies are required to submit the completed request for obligation/ authorization or FTA transfer to Caltrans Local Assistance by November 1 of the fiscal year the funds are programmed in the TIP, and receive an obligation/authorization/ FTA transfer of the funds by January 31 of the fiscal year programmed in the TIP. For example, projects programmed in FY 2014-15 of the TIP have a request for authorization/ obligation/ FTA transfer submittal deadline (to Caltrans Local Assistance) of November 1, 2014 and an

obligation/ authorization/FTA transfer deadline of January 31, 2015. No extensions will be granted to the obligation deadline.

In Summary:

- Request For Authorization (RFA) Submittal Deadline: November 1 of the fiscal year the funds are programmed in the federal TIP. The Implementing Agency is required to submit a complete Request for Authorization (RFA)/ obligation/transfer package to Caltrans (3 months prior to the Obligation Deadline). For projects with federal funds administered by the CTC, such as STIP and State-TAP, the required CTC allocation request documentation must also be submitted by November 1 in order to meet the January 31 obligation deadline of federal funds.
- Obligation /Authorization Deadline: January 31 of the fiscal year the funds are programmed in the TIP, including funds administered by the CTC, such as STIP and state-TAP. No extensions will be granted to the obligation deadline for regional discretionary funds.

Important Tip: If an agency must coordinate delivery with other delivery timelines and other fund sources, it should program the regional discretionary funding in a later year of the TIP and advance the funds after May 1 using the Expedited Project Selection Process (EPSP) once additional OA is made available by Caltrans. Projects with federal funds administered by the CTC, such as STIP and state-TAP, should receive a CTC allocation in sufficient time to receive the federal obligation by the obligation deadline.

November 1 - Regional Request for Authorization (RFA) submittal deadline. Complete and accurate Request for Authorization package submittals, and ACA conversion requests for projects in the annual obligation plan received by November 1 of the fiscal year the funds are programmed in the TIP receive priority for obligations against available OA. The RFA should include CTC allocation request documentation for federal STIP and state-TAP funded projects as applicable.

November 1 – January 31 – Projects programmed in the current year of the TIP and submitted during this timeframe are subject to re-programming. If OA is still available, these projects may receive OA if obligated by January 31. If OA is limited, these projects will compete for OA with projects advanced from future years on a first-come first-served basis. Projects with funds to be advanced from future years should request the advance prior to January 31, in order to secure the funds within that federal fiscal year. This rule does not apply to federal funds administered by the CTC such as STIP or state-TAP funds.

January 31 - Regional Obligation/Authorization deadline. Regional Discretionary Funding not obligated (or transferred to FTA) by January 31 of the fiscal year the funds are programmed in the TIP are subject to reprogramming by MTC. No extensions of this deadline will be granted. Projects seeking advanced obligations against funds from future years should request the advance prior to January 31 in order to secure the funds within that federal fiscal year, though a project may be advanced from a later year any time after January 31. For funding administered by the CTC, the CTC allocation should occur in sufficient time to meet the January 31 federal obligation deadline.

The obligation deadline may not be extended. The funds must be obligated by the established deadline or they are subject to de-programming from the project and redirected by the Commission to a project that can use the funds in a timely manner.

Note: Advance Construction Authorization does not satisfy the regional obligation deadline requirement.

Important Tip: In some years, OA for the region may be severely limited, such as when the state has run out of OA, or Congress has only provided a partial year's appropriation or during short-term extensions of a federal Authorization Act. When OA is limited, ACA conversions identified in the annual obligation plan and submitted before the RFA deadline of November 1 have priority, followed by other projects in the annual obligation plan submitted before the RFA Submittal deadline of November 1. Projects in the obligation plan but submitted after November 1 may have OA (and thus the obligation of funds) restricted and may have to wait until OA becomes available – either after May 1, when unused OA is released from other regions, or in the following federal fiscal year when Congress approves additional OA. RFAs submitted after the November 1 deadline have no priority for OA for that year. Agencies with projects not in good standing with regards to the deadlines of this policy or not complying with federal-aid requirements are subject to restrictions in future Regional Discretionary Funding and the programming of funds in the federal TIP.

- **Coordination with CTC allocations**

The CTC has its own delivery deadlines that must be met in addition to the regional deadlines. Regional deadlines are in advance of both state and federal deadlines to ensure all deadlines can be met and funds are not jeopardized. To further ensure that CTC deadlines are met, allocation requests to the CTC for federal funds must be accompanied with a complete and accurate E-76 Request for Authorization (RFA) package, so that the authorization/ obligation may be processed immediately following CTC action. MTC will not sign off on allocation concurrences for federal funds unless the E-76 RFA package is also submitted.

Important Tip: There may be occasions when the schedule for a project funded by the CTC is not in sync with the standard summer construction season or with the January 31 regional obligation deadline. Considering that CTC-administered construction funds must be awarded within 6 months of the CTC allocation, the project sponsor may want to delay the CTC construction allocation until later in the season in order to comply with the CTC award deadline. This is allowed on a case-by-case basis for construction funds when the project sponsor has demonstrated a special project delivery time-schedule, and programming the funds in the following state fiscal year was not an option. Regardless of the regional obligation deadline, the end-of-state-fiscal-year CTC allocation deadline still applies, and CTC-administered funds must still receive a CTC allocation by June 30 of the year the funds are programmed in the STIP. This means the construction CTC allocation request/ RFA must be submitted to Caltrans local assistance no later than March 31 of the year the funds are programmed in the STIP/TIP in order to meet the June CTC allocation deadline.

- **Program Supplement Agreement (PSA) Deadline**

The implementing agency must execute and return the Program Supplement Agreement (PSA) to Caltrans in accordance with Caltrans Local Assistance procedures. It is expected that Caltrans will initiate the PSA within 30 days of obligation. The agency should contact Caltrans if the PSA is not received from Caltrans within 30 days of the obligation. This requirement does not apply to FTA transfers.

Agencies that do not execute and return the PSA to Caltrans within the required Caltrans deadline will be unable to obtain future approvals for any projects, including obligation and payments, until all PSAs for that agency, regardless of fund source, meet the PSA execution requirement. Funds for projects that do not have an executed PSA within the required Caltrans deadline are subject to de-obligation by Caltrans.

- **Construction Advertisement / Award Deadline**

For the Construction (CON) phase, the construction/equipment purchase contract must be advertised within 3 months and awarded within 6 months of obligation / E-76 Authorization (or awarded within 6 months of allocation by the CTC for funds administered by the CTC). However, regardless of the award deadline, agencies must still meet the invoicing deadline for construction funds. Failure to advertise and award a contract in a timely manner could result in missing the subsequent invoicing and reimbursement deadline, resulting in the loss of funding.

Agencies must submit the complete award package immediately after contract award and prior to submitting the first invoice to Caltrans in accordance with Caltrans Local Assistance procedures.—Agencies with projects that do not meet these award deadlines will have future

programming and OA restricted until their projects are brought into compliance (CTC-administered construction funds lapse if not awarded within 6 months).

For FTA projects, funds must be approved/awarded in an FTA Grant within one federal fiscal year following the federal fiscal year in which the funds were transferred to FTA.

Important Tip: Agencies may want to use the flexibility provided through Advance Construction Authorization (ACA) if it will be difficult meeting the deadlines. Agencies may consider proceeding with ACA and converting to a full obligation at time of award when project costs and schedules are more defined or when the agency is ready to invoice.

- **Regional Invoicing and Reimbursement Deadlines – Inactive Projects**

Caltrans requires administering agencies to submit invoices at least once every 6 months from the time of obligation (E-76 authorization). Projects that have not received a reimbursement of federal funds in the previous 12 months are considered inactive with the remaining un-reimbursed funds subject to de-obligation by FHWA with no guarantee the funds are available to the project sponsor.

To ensure funds are not lost in the region, regional deadlines have been established in advance of federal deadlines. Project Sponsors must submit a valid invoice to Caltrans Local Assistance at least once every 6 months and receive a reimbursement at least once every 9 months, but should not submit an invoice more than quarterly.

Agencies with projects that have not been invoiced against at least once in the previous 6 months or have not received a reimbursement within the previous 9 months have missed the invoicing/reimbursement deadlines and are subject to restrictions placed on future regional discretionary funds and the programming of additional federal funds in the federal TIP until the project receives a reimbursement.

Important Tip: In accordance with Caltrans procedures, federal funds must be invoiced against at least once every six months. Funds that are not reimbursed against at least once every 12 months are subject to de-obligation by FHWA. There is no guarantee the funds will be available to the project once de-obligated. Agencies that prefer to submit one final billing rather than semi-annual progress billings, or anticipate a longer project-award process or anticipate having difficulty in meeting these deadlines can use Advance Construction Authority (ACA) to proceed with the project, then convert to a full obligation prior to project completion. ACA conversions receive priority in the annual obligation plan. Furthermore, agencies that obligate construction engineering (CE) funds may (with concurrence from Caltrans) invoice against this phase for project advertisement activities to comply with invoicing deadlines.

- **State Liquidation Deadline**

California Government Codes 16304.1 and 16304.3 places additional restrictions on the liquidation of federal funds. Generally, federal funds must be liquidated (fully expended, invoiced and reimbursed) within 4 state fiscal years following the fiscal year in which the funds were appropriated. CTC-administered funds must be expended within 2 state fiscal years following the fiscal year in which the funds were allocated. Funds that miss the state's liquidation/ reimbursement deadline will lose State Budget Authority and will be de-obligated if not re-appropriated by the State Legislature, or extended in a Cooperative Work Agreement (CWA) with the California Department of Finance. CTC-administered funds must also be extended by the CTC. This requirement does not apply to FTA transfers.

- **Project Completion /Close-Out Deadline**

Implementing Agencies must fully expend federal funds on a phase one year prior to the estimated completion date provided to Caltrans.

At the time of obligation (E-76 authorization) the implementing agency must provide Caltrans with an estimated completion date for that project phase. Any unreimbursed federal funding remaining on the phase after the estimated completion date has passed, is subject to project funding adjustments by FHWA.

Implementing agencies must submit to Caltrans the Final Report of Expenditures within six months of project completion. Projects must proceed to right of way acquisition or construction within 10 years of federal authorization of the initial phase.

Federal regulations require that federally funded projects proceed to construction or right of way acquisition within 10 years of initial federal authorization of any phase of the project. Furthermore, if a project is canceled, or fails to proceed to construction or right of way acquisition in 10 years, FHWA will de-obligate any remaining funds, and the agency may be required to repay any reimbursed funds. If a project is canceled as a result of the environmental process, the agency may not be required to repay reimbursed costs for the environmental activities. However, if a project is canceled after the environmental process is complete, or a project does not proceed to right of way acquisition or construction within 10 years, the agency is required to repay all reimbursed federal funds.

Agencies with projects that have not been closed out within 6 months of final invoice will have future programming and OA restricted until the project is closed out or brought back to good standing by providing written explanation to Caltrans Local Assistance, the applicable CMA and MTC.

Note that funds managed and allocated by the CTC may have different and more stringent funding deadlines. A CTC allocated-project must fully expend those funds within 36 months of the CTC funding allocation.

Consequences of Missed Deadlines

It is the responsibility of the implementing agency to ensure the funds can be used within the established regional, state and federal deadlines and that the provisions of the regional project-funding delivery policy, and all other state and federal requirements can be met. It is also the responsibility of the implementing agency to continuously monitor the progress of all their FHWA federal-aid projects against these regional, state and federal funding deadlines and milestones and report any potential difficulties in meeting these deadlines to MTC, Caltrans and the appropriate county CMA within a timely manner. MTC, Caltrans and the CMAs are available to assist the implementing agencies in meeting the funding deadlines, and will work with the agency to find solutions that avoid the loss of funds.

Agencies that do not meet these funding deadlines risk the loss of federal funds. To minimize such losses to the region, and encourage timely project delivery, agencies that continue to be delivery-challenged and/or have current projects that have missed the funding deadlines, or are out of compliance with federal-aid requirements and deadlines will have future obligations, programming or requests for advancement of funds restricted until their projects are brought back into good standing. Projects are selected to receive Regional Discretionary Funding based on the implementing agency's demonstrated ability to deliver the projects within the funding deadlines. An agency's proven delivery record will be used for selecting projects for funding and placement in a particular year of the TIP, and for receipt of OA.

Regional Project Delivery Principles

The following requirements apply to the management and implementation of FHWA-administered funds within the region:

- **Federal funds must comply with federal fiscal constraint requirements.** FHWA-administered federal funds are to be programmed in the federal Transportation Improvement Program (TIP), up to the apportionment level for that fiscal year, in the fiscal year in which the funds are to be obligated by FHWA or transferred to the Federal Transit Administration (FTA) or allocated by the CTC.
- **Regional discretionary funds are project specific.** Projects are chosen for the program based on eligibility, project merit, and deliverability within the established deadlines. The regional discretionary funds are for those projects alone and may be used for any phase of the project, unless otherwise specified at the time of programming, in accordance with Caltrans procedures and federal regulations.
- **Funds must be included in the annual obligation plan.** MTC staff, in consultation with regional partners, will prepare an annual obligation plan as required by California Streets and Highway Code 182.6(f) at the end of each state fiscal year based on the funding programmed in the federal TIP and the apportionment and OA expected to be available. This plan will be the basis upon which obligations will be made in the following federal fiscal year.
- **Advance Construction Conversion has priority for funding.** Conversion of Advance Construction Authorization (AC) to full authorization receives priority in the annual obligation plan. At the end of the federal authorization Act, AC may be the only option available should the region fully use its Obligation Authority.
- **Federal funds must meet timely use of funds requirements.** To comply with federal timely use of funds requirements, the Request for Authorization (RFA) and obligation (E-76 authorization/ FTA Transfer) deadlines are November 1 and January 31, respectively. These deadlines align with the natural schedule to have projects ready for the following summer construction season.
- **Projects may be advanced from future years.** Obligations for funds advanced from future years of the TIP will be permitted only upon the availability of surplus OA and generally will only be considered after the obligation submittal deadline of November 1. OA is available first-come first-served after January 31. In some years OA may not be available for project advancements until after April 30, when Caltrans releases unused OA statewide.
- **CTC allocation and FHWA authorization requests should be coordinated.** To ensure deadlines imposed by the CTC are met, allocation requests to the CTC for federal funds should be accompanied with a complete RFA package, so the authorization request for federal funds may be submitted to FHWA immediately following CTC action.
- **Funds for construction should be awarded within 6 months of obligation.** This deadline is for consistency with the CTC's 6-month award deadline following CTC allocation, and to ensure there are eligible expenditures to invoice against to meet Caltrans' 6-month invoicing requirement and FHWA's inactive obligations requirements.
- **Funds must be invoiced against at least once every 6 months.** Project sponsors must submit a valid invoice to Caltrans Local Assistance at least once every 6 months and receive a reimbursement at least once every 9 months, but should not submit an invoice more than quarterly. This ensures the sponsor complies with Caltrans requirements and the project does not become inactive under FHWA's rules.

Regional Project Delivery Policy Guidance

MTC Resolution 3606

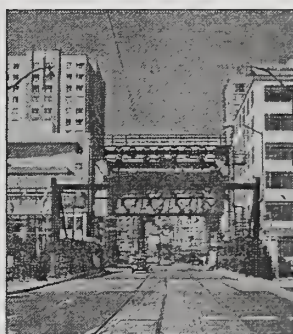
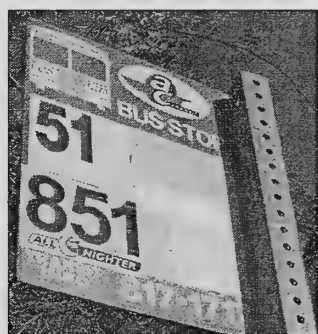
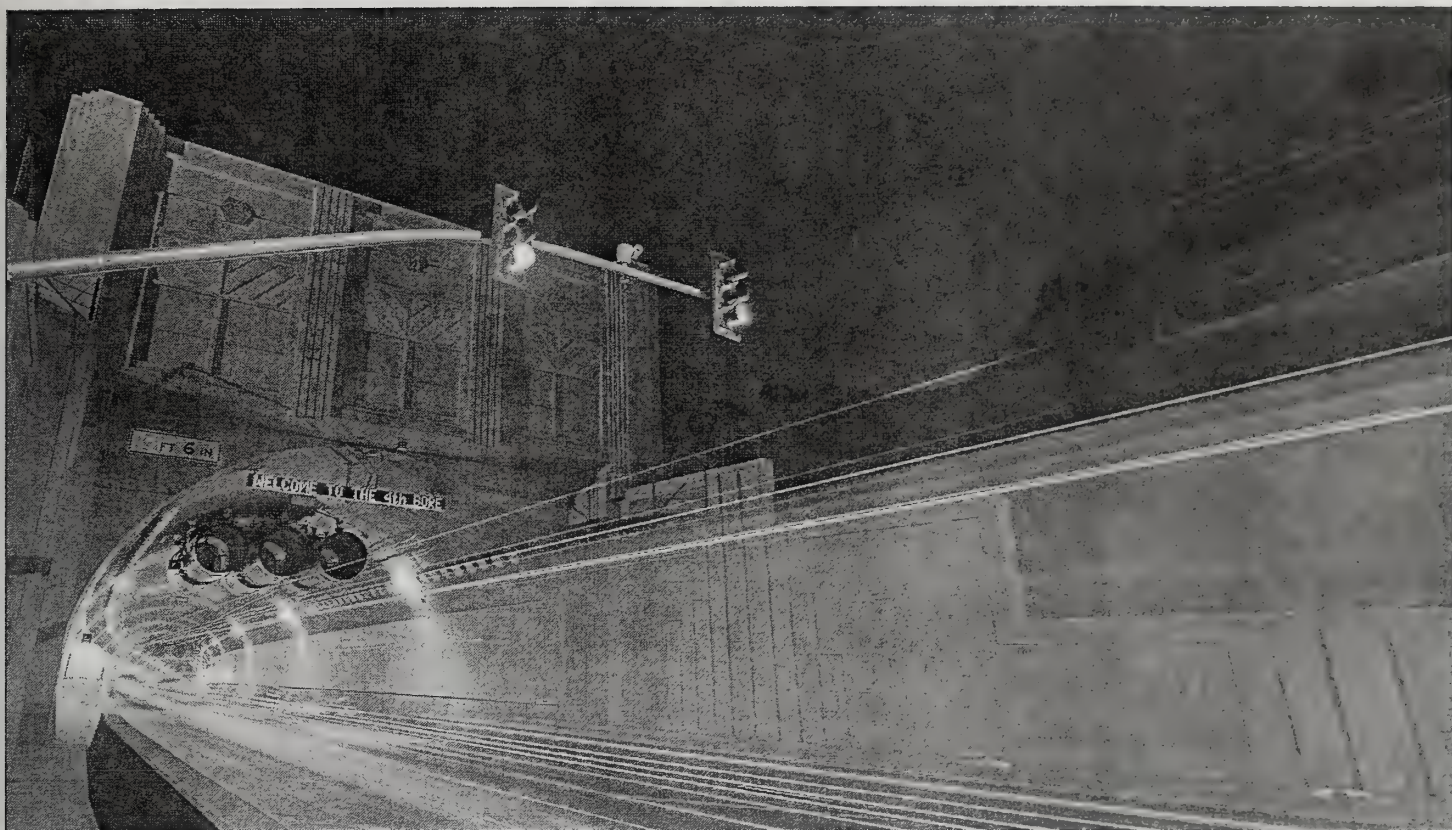
Milestone	Deadline	Authority	Consequence of Missed Deadline
Programming in TIP	Agency is committed to delivering project in the year programmed in the TIP	Region	Deprogramming of funds and redirection to other projects that can use the OA (MTC)
Field Review (If applicable)	Within 12 months of inclusion in TIP	Region	Restrictions on future programming, obligations and OA until deadline is met (MTC)
MTC Obligation Plan CA S&H Code § 182.6(f)	October 1 - Beginning of each federal fiscal year	Caltrans Region	Only projects identified in MTC's annual Obligation Plan receive priority for OA. Projects not in annual plan may need to wait until after May 1 to receive an obligation (MTC)
Request For Authorization (RFA) Submittal	November 1 of year funds programmed in TIP	Region	Project loses priority for OA. OA may be redirected to other projects (MTC)
Obligation / FTA Transfer E-76 / Authorization	January 31 of year programmed in TIP	Region	Reprogramming of funds and redirection to other projects that can use the OA (MTC)
Release of Unused OA	May 1	Caltrans	Unused OA becomes available for all regions to access on first-come first-served basis (Caltrans)
CTC-Allocation CA Gov Code § 14529.8	June 30 of the year CTC funds are programmed	CTC	CTC-programmed funds lapse (CTC) Requires CTC approval for extension
Last opportunity to submit Request For Authorization (RFA) for federal fiscal year	June 30	Caltrans	Requests submitted after June 30 may need to wait until following federal fiscal year to receive E-76 / Authorization (Caltrans)
End of Federal Fiscal Year - OA No Longer Available	August 30	Caltrans Federal	Federal system shut down. Unused OA at end of federal fiscal year is taken for other projects. No provision funds taken will be returned (FHWA)
Program Supplement Agreement (PSA)	60 days after receipt from Caltrans 6 months after obligation	Caltrans Region	De-obligation of funds after 6 months (so project does not become inactive) (Caltrans) Restrictions on future programming, obligations and OA until deadline is met (MTC)
Construction Advertisement	3 months after obligation	Region	Potential to miss award deadline. Restrictions on future programming, obligations and OA until deadline is met (MTC)
Construction Award	6 months after Allocation/Obligation	CTC Region	CTC-allocated funds lapse. Requires CTC extension approval (CTC) Potential for project to become Inactive. Restrictions on future programming, obligations and OA until deadline is met (MTC)
Invoicing & Reimbursement	Submit invoice and receive reimbursement at least once every 6 months following obligation of funds.	Federal Caltrans Region	Placed on pending inactive list after 6 months. Must submit invoice status reports (Caltrans) De-obligation of funds if project does not receive reimbursement within 12 months, with no guarantee funds will be returned (FHWA) Restrictions on future funding (MTC)
Expenditure CA Gov Code § 14529.8	2 years following the year of CTC allocation of funds	CTC	CTC-allocated funds lapse (CTC) Requires CTC approval for extension
Liquidation CA Gov Code § 16304.1	2 years following the year of allocation (state funds) 4 years following the year of allocation (Federal funds)	State of California Caltrans	Loss of State budget authority and de-obligation of funds (State of California). Requires CWA with Caltrans for extension (Caltrans)
Project Close-Out	6 months after final invoice	Caltrans Region	Must submit explanation in writing (Caltrans) Restrictions on future funding (MTC)

APPENDIX A – 42

Project Delivery

**Annual Listing of Federally Obligated Projects
for Federal Fiscal Year 2013**





ANNUAL LISTING OF FEDERALLY OBLIGATED PROJECTS

FEDERAL FISCAL YEAR 2013

(OCTOBER 1, 2012 – SEPTEMBER 30, 2013)



Metropolitan
Transportation
Commission

COVER PROJECT PHOTOS: [CLOCKWISE FROM TOP] ALAMEDA AND CONTRA COSTA COUNTIES – STATE ROUTE 24 CALDECOTT TUNNEL FOURTH BORE (PHOTO: KARL NEILSEN); REGIONAL – CLIPPER® FARE COLLECTION SYSTEM; SAN FRANCISCO COUNTY – FOURTH STREET BRIDGE SEISMIC RETROFIT AND REHAB; ALAMEDA COUNTY – AC TRANSIT: LINE 51 CORRIDOR; SAN FRANCISCO COUNTY – SFMTA: TROLLEY COACH REPLACEMENT.



**METROPOLITAN
TRANSPORTATION
COMMISSION**

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December 30, 2013

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Cities of Contra Costa County

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Santa Clara County

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Steve Heminger
Executive Director

Ann Flemer
Deputy Executive Director, Policy

Andrew B. Fremier
Deputy Executive Director, Operations

TO: Federal Highway Administration, Federal Transit Administration, Interested Agencies, Organizations and Individuals

RE: Annual Listing of Federally Obligated Projects for Federal Fiscal Year 2012-13

Federal law, under the Moving Ahead for Progress in the 21st Century (MAP-21), requires the Metropolitan Transportation Commission to publish a listing of projects using federal funds obligated in the previous federal fiscal year. The annual report provides a record of project delivery and promotes awareness of government spending on transportation projects.

MTC developed the Annual Listing of Federally Obligated Projects (Annual Listing) to make the annual obligations listing easy to understand for the general public. The Annual Listing includes text explaining the different obligation groups, as well as summary listings by categories such as mode, system, and fund source. Additionally, the Annual Listing includes commonly used abbreviations and acronyms to help the public better understand the federal obligation process.

MAP-21 also encourages cooperation among the state transportation agency (Caltrans), public transit operators, and MTC to develop this Annual Listing. As a part of our development process, MTC distributed a working draft to the Bay Area Partnership Working Groups and its stakeholders. The information comes from data compiled by Caltrans and MTC. For the last federal fiscal year (2012-13), the region obligated approximately \$818.5 million in federal surface transportation funds.

The Annual Listing has two sublistings: road and highway projects and transit projects. Information for the road and highway project listing includes obligation of fund sources such as Surface Transportation Program (STP), Congestion Mitigation and Air Quality Improvement (CMAQ), and miscellaneous Earmarks. The source of this information is Caltrans and MTC. The second table for transit includes obligation of fund sources such as Federal Transit Administration Sections 5307, 5337 and 5309, and the source is MTC.

The enclosed document is available through the Internet at the MTC home page:


<http://www.mtc.ca.gov/funding/delivery/>

Annual Listing of Federally Obligated Projects, FFY 2012-13
December 30, 2013
Page 2

If you have any questions regarding the Annual Listing, please contact Kenneth Kao of MTC's Programming and Allocations Section by phone at (510) 817-5768 or by e-mail at: kkao@mtc.ca.gov.

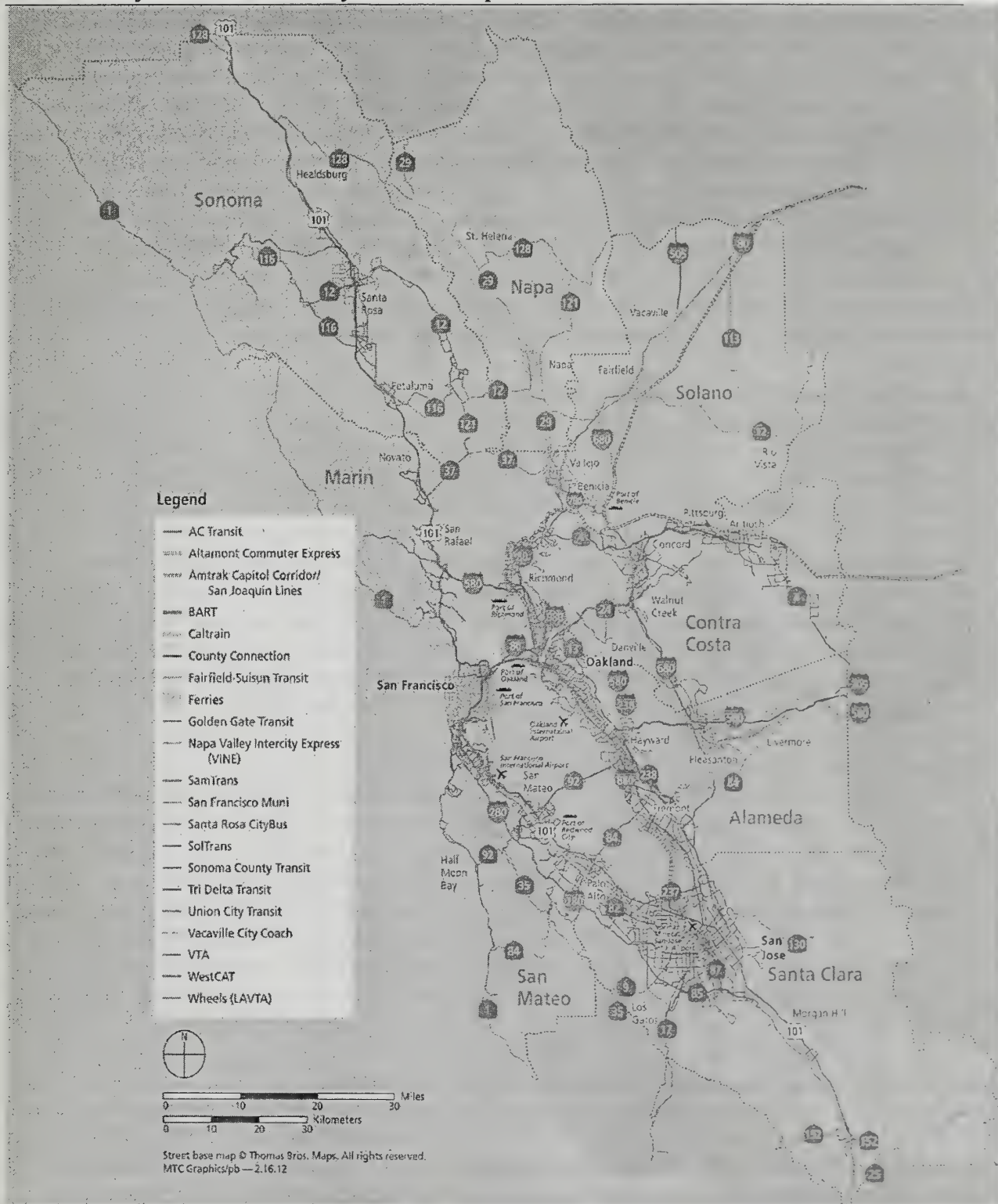
Thank you for your interest in the Annual Listing of Federally Obligated Projects.

Sincerely,

A handwritten signature in black ink, appearing to read "Alix A. Bockelman", followed by a long horizontal line extending to the right.

Alix A. Bockelman
Director, Programming and Allocations

Nine-County San Francisco Bay Area Transportation Network



About this Document

Federal Law, under the Moving Ahead for Progress in the 21st Century (MAP-21), requires the Metropolitan Transportation Commission, as the Metropolitan Planning Organization (MPO) for the nine-county San Francisco Bay Area, to publish a listing of projects using federal funds obligated in the previous federal fiscal year (FFY). The annual listing provides a record of project delivery for the previous year. The listing is also intended to increase the awareness of government spending on transportation projects to the public. Obligation of federal funds means that a project has received federal commitment for reimbursement, and does not necessarily mean that the project was initiated or completed in that year or indicate the total cost of that project.

This document is available for download on the MTC website at <http://www.mtc.ca.gov>, under the "Funding" tab and "Project Delivery" sub-bullet.

About the Metropolitan Transportation Commission

Created by the state Legislature in 1970 (California Government Code § 66500 *et seq.*), the Metropolitan Transportation Commission (MTC) is the transportation planning, coordinating and financing agency for the nine-county San Francisco Bay Area. The Commission's work is guided by a 21-member policy board.

Over the years, state and federal laws have given MTC an increasingly important role in financing Bay Area transportation improvements. At the federal level, the 1991 Intermodal Surface Transportation Efficiency Act (ISTEA) and its most recent, MAP-21, empowers Metropolitan Planning Organizations (MPOs) like MTC to determine the mix of transportation projects best suited to meet their region's needs. Congress reaffirmed MPOs' role in transportation financing in 2012 with the passage of the MAP-21.

Moving Ahead for Progress in the 21st Century (MAP-21)

On June 29, 2012, Congress passed H.R. 4348 (Mica), *Moving Ahead for Progress in the 21st Century* (MAP-21), the first long-term federal highway/transit authorization bill enacted since 2005. Signed by President Obama the following week, Public Law 112-141 authorizes \$105 billion for federal highway and transit programs through FY 2014. The bill consolidates almost 100 separate funding programs and eliminates earmarks. As a result, a larger share of MAP-21 funding is distributed by formula: 93 percent compared to 83 percent under SAFETEA. Overall, California is estimated to receive approximately \$3.5 billion and \$3.6 billion in FY 2013 and FY 2014, respectively, in comparison to \$3.4 billion in FY 2011.

Regional Transportation Plan: Mobility for the Next Generation

As the agency responsible for transportation planning in the nine-county San Francisco Bay Area, MTC is responsible for adopting the Bay Area's regional transportation plan. The current plan, known as *Plan Bay Area*, was adopted by the Commission on July 18, 2013. The plan was developed after a three-phase planning process over some 30 months with extensive public involvement.

The plan specifies a detailed set of investments and strategies throughout the region from 2013 through 2040 to maintain, manage and improve the region's surface transportation network. Updated every four years to reflect new planning priorities and changing projections of growth and travel demand, the long-range plan must be based on a realistic forecast of future revenues. Taken as a whole, the projects included must help improve regional air quality. *Plan Bay Area* can be found at the MTC website at http://www.mtc.ca.gov/planning/plan_bay_area/.

For context, the region relies on various fund sources – among them federal funds – to achieve the set of investments in the plan. Over the 25-year period of the plan, federal funds represent approximately 11% of the revenues for Bay Area surface transportation investments. As a reminder, this obligation report is limited to federal funds and does not include all revenues expended on transportation in a given year.

Only projects consistent with the Regional Transportation Plan's financially-constrained list may be placed in the Transportation Improvement Program (TIP) for federal funding.

Transportation Improvement Program

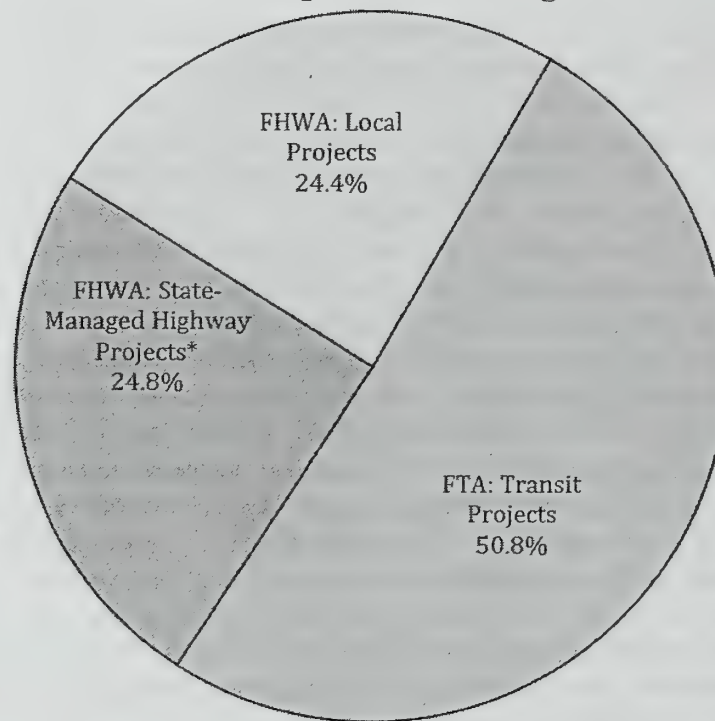
The federally required TIP is a comprehensive listing of all Bay Area transportation projects that receive federal funds, are regionally significant, or are subject to a federally required action such as a review for impacts on air quality. The TIP sets forth the region's investment priorities for transit and transit-related improvements, highways and roadways, bicycle and pedestrian, and other surface transportation improvements in the nine-county San Francisco Bay Area. By law, the TIP must be adopted at least once every four years and must cover at least a four period and contain a priority list of projects grouped by year. Further, the TIP must be financially constrained by year (meaning that the amount of dollars programmed must not exceed the amount of dollars estimated to be available). Federal regulations also require an opportunity for public comment prior to TIP approval. The 2013 TIP, which covered federal fiscal year 2012-13, was approved by the Federal Highway Administration and Federal Transit Administration on August 12, 2013.

In order for a project to receive a federal obligation, the project's funds must be included in the region's or the state's TIP. MTC's TIP for the San Francisco Bay Area can be found online at: <http://www.mtc.ca.gov/funding/tip/>.

Annual Obligated Project Listing Summary

This annual listing shows that approximately \$818.5 million of federal funds were obligated in the MTC region. Of this amount, \$402.6 million was obligated by the Federal Highway Administration (FHWA) for highway, local road, bicycle and pedestrian facilities, transportation enhancement, and air quality projects. Of this \$402.6 million, the California State Department of Transportation (Caltrans) obligated \$202.6 million for state highway related projects. Local agencies obligated another \$200 million for local projects on and off the state highway system. Another \$415.9 million was obligated by the Federal Transit Administration (FTA) for transit projects. Chart A-1 illustrates the breakdown of obligations by obligating agency.

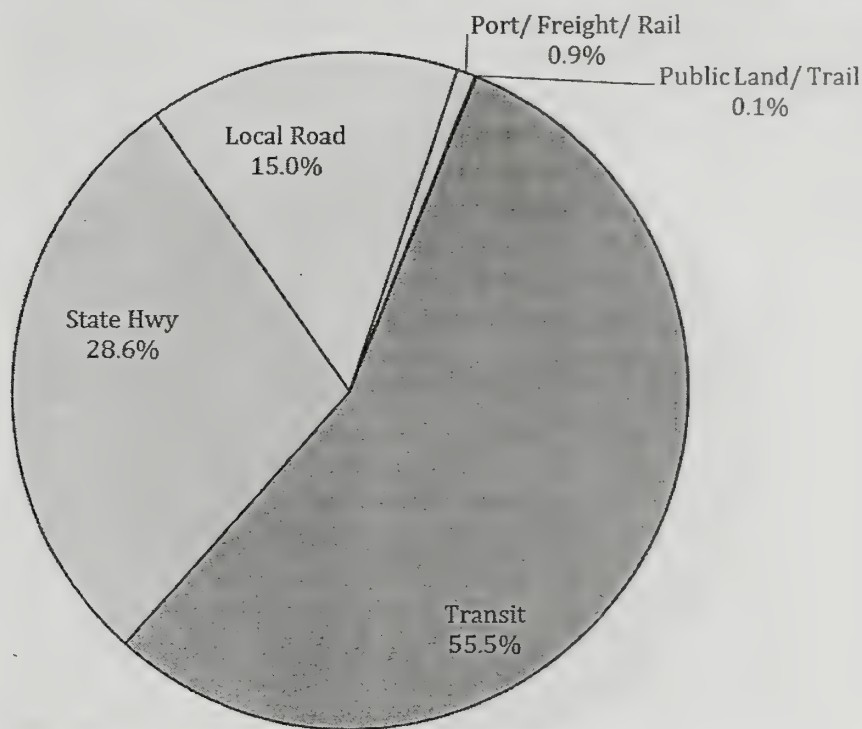
Chart A-1: MTC-Region Federal Obligations by Authority Agency

A-1: MTC Region Federal Obligations, FFY 2012-13

Obligating Agency	Total Obligations	Percent of Total
Federal Transit Administration: Transit Projects	\$415.9 million	50.8%
Federal Highways Administration: State-Managed Highway Projects*	\$202.6 million	24.8%
Federal Highways Administration: Local Projects	\$200.0 million	24.4%
Total	\$818.5 million	100.0%

* This amount does not include statewide obligations for which a regional breakdown of funding is not available.

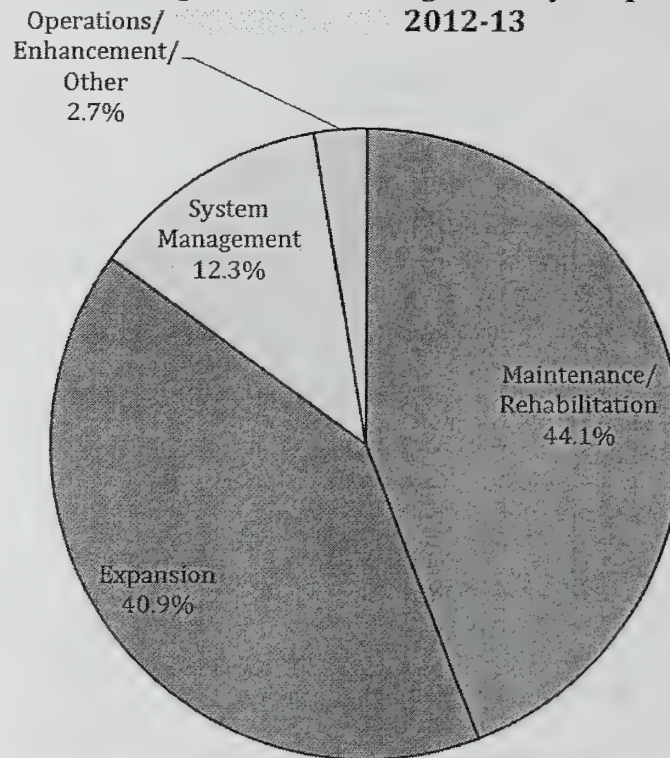
Chart A-2: MTC-Region Federal Obligations by System

A-2: MTC-Region Federal Obligations by System, FFY 2012-13

System	Total Obligations	Percent of Total
Transit	\$454.6 million	55.5%
State Hwy	\$234.3 million	28.6%
Local Road	\$122.8 million	15.0%
Port/ Freight/ Rail	\$7.1 million	0.9%
Public Land/ Trail	\$0.6 million	0.1%
Region/ Other	(\$0.9 million)	-0.1%
Total	\$818.5 million	100.0%

The chart above shows all federal obligations in the MTC region, broken down by system. The largest system receiving federal obligations in FFY 2012-13 was transit, making up 55.5% of all obligations, including funding transferred from FHWA to FTA, or about \$454.6 million of \$818.5 million. State highway projects received the second largest amount of obligations, at 28.6% or \$234.3 million of \$818.5 million obligated. Local road projects received 15.0% of all obligations, or \$122.8 million. Newly reported on in FFY 2012-13 were Port/Freight/ Rail projects which received \$7.1 million of all obligations and Public Land/ Trail projects, which reflect 0.1% of all obligations. Due to the rescissions accompanying the beginning of MAP-21, these deobligations were primarily targeted at regionally-focused projects and are reflected under Region/Other in the above table.

Chart A-3: MTC-Region Federal Obligations by Purpose/ System

A-3: MTC-Region Federal Obligations by Purpose and System, FFY 2012-13

Purpose/System	Total Obligations	Percent of Total
Maintenance/Rehabilitation	\$361.1 million	44.1%
Transit	\$156.5 million	19.1%
Highway	\$155.2 million	19.0%
Local Road, Other/ Bike-Ped, Rail	\$49.4 million	6.0%
Expansion	\$334.8 million	40.9%
Transit	\$233.1 million	28.5%
Highway	\$62.2 million	7.6%
Local Road	\$29.3 million	3.6%
Other/ Freight, Rail, Region	\$10.1 million	1.2%
System Management	\$100.4 million	12.3%
Transit	\$53.4 million	6.5%
Local Road	\$31.9 million	3.9%
Highway	\$14.6 million	1.8%
Region	\$0.6 million	0.1%
Operations/ Enhancements/ Other	\$22.2 million	2.7%
Total	\$818.5 million	100%

Chart A-3 above illustrates all obligations in the MTC region, broken down by purpose and system. The investments include 44.1% for ongoing maintenance and rehabilitation of the region's transportation infrastructure, 40.9% to expand our highways, transit, and local

roads, 12.3% to manage the system more efficiently, and 2.7% for operating, enhancements, and other investments.

In FFY 2012-13, transit expansion received the largest amount of federal obligations, making up 28.1% of all obligations, or about \$233.1 million. Transit maintenance obligated the second highest amount of federal funds, with 19.1% or \$156.5 million. Highway maintenance obligated the third highest amount of federal funds, with 19.0% or \$155.2 million of federal funds.

Annual Obligated Projects Listing Explanation

There are two tables included in the listing at the end of this report:

- Table 1: FHWA State and Locally-Managed Projects obligated, sorted by county and implementing agency. This list includes projects from fund sources such as Surface Transportation Program (STP), Congestion Mitigation Air Quality Improvement (CMAQ), and Federal High-Priority earmarks. Funds transferred to FTA are marked with a "+" after the fund source. State-managed projects include funds obligated by the Caltrans for work on the state highway system, and include fund sources such as Emergency Relief (ER), Interstate Maintenance (IM), and National Highway System (NHS) funds.
- Table 2: FTA Transit obligations, sorted by transit operator. This list includes all funds obligated directly through FTA.

The columns in the listing include:

- TIP ID, the identification code for the project in MTC's TIP. State-Managed projects do not have this field available, and are noted by a "N/A" or a Caltrans Expenditure Authorization (EA) ID in that field.
- Project Title and Description
- Fund Source, indicating the obligated fund source
- Federal Project ID, indicating the federal project identification code (for FTA obligations, this is the grant number)
- Total Obligation Amount, rounded to the nearest dollar. Negative numbers indicate a deobligation, where the federal funding commitment is no longer needed for the project. For additional information, please contact Caltrans or the project sponsor.
- Obligation Date, indicating the date FHWA (or FTA) obligated the funds
- 2013 Programmed Amount, the Federal amount programmed in FFY 2012-13 only. Please note that blank fields in this column indicate funds obligated were programmed in a year other than FFY 2012-13;
 - These amounts are current in the adopted TIP as of December 18, 2013.
 - Please note that if there are multiple obligations for each TIP ID, the 2013 Programmed Amount will also be displayed multiple times.
 - Some projects may have been obligated in advance of the TIP program year through the Expedited Project Selection Process (EPSP), which is allowed under federal regulations.
- Future Funding (by TIP ID), the amount programmed in the remaining years of the current TIP (FFY 2013-14, inclusive), rounded to the nearest dollar;

- These amounts are current in the adopted TIP as of December 18, 2013.
- Please note that if there are multiple obligations for each TIP ID, the future funding amount will also be displayed multiple times.

Caltrans may have additional information regarding the obligations they manage. Many of the funds Caltrans obligates for the State Highway System are programmed in the TIP and obligated at the beginning of the year as a lump sum.

Please note that due to the California Public Employees' Pension Reform Act (PEPRA), many transit agencies experienced delays in receiving awards for FFY13 submitted grants. As a result, there is an expectation of higher than usual FTA transit obligations in FFY 2013-14.

The Use of Toll Credits (TC)

Federal-aid highway projects typically require the project sponsors to provide certain amount of non-federal funds as match to the federal funds. For example, STP funded projects require a minimum of 11.47% of non-federal match funds. Through the use of toll-credits, the non-federal share match requirement can be met by applying an equal amount of toll credit and therefore allow a project to be funded with up to 100% federal funds for federally participating costs.

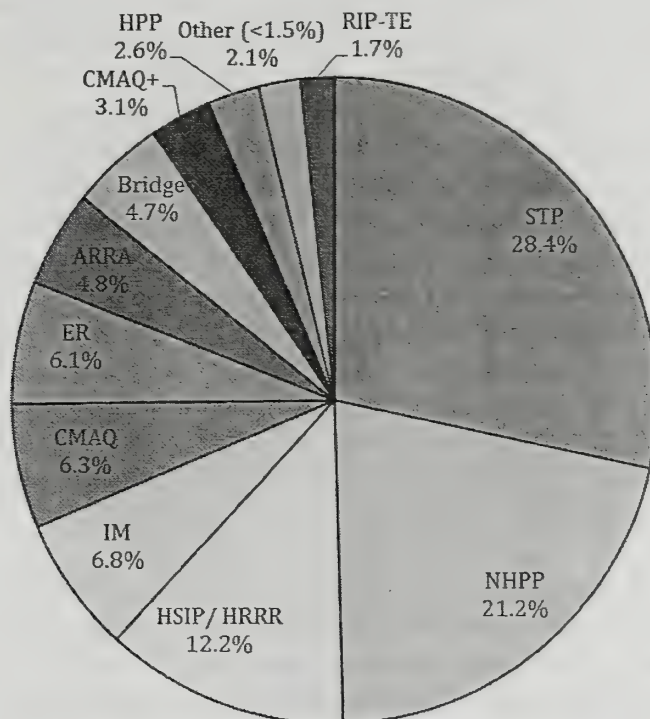
The amount of credit a state can earn is determined by the amount of toll revenue used for capital expenditures to build or improve public highway facilities. Once a credit amount is appropriately established, this credit will remain available until used by the state. The state is required to track the use of toll credit on a project-by-project basis and report such use to FHWA on a regular basis.

Caltrans has received approval from FHWA for the use of toll credits. At this point, toll credit can be used on all federal-aid highway funding programs, except Emergency Relief (ER) Program, Local Safety Programs, and Local On-System Highway Bridge Program (HBP) projects. The limit of toll credit use on Safety program projects and HBP projects on the state highway system is because all available funds are fully programmed.

Obligated Project Table Charts

The attached tables show all projects obligated in FFY 2012-13. The charts on the following pages illustrate the breakdown of fund source by each of the tables mentioned earlier.

Chart B-1: FHWA Local Project Obligations

**B-1: FHWA Locally and State-Managed Project Obligations,
FFY 2012-13**

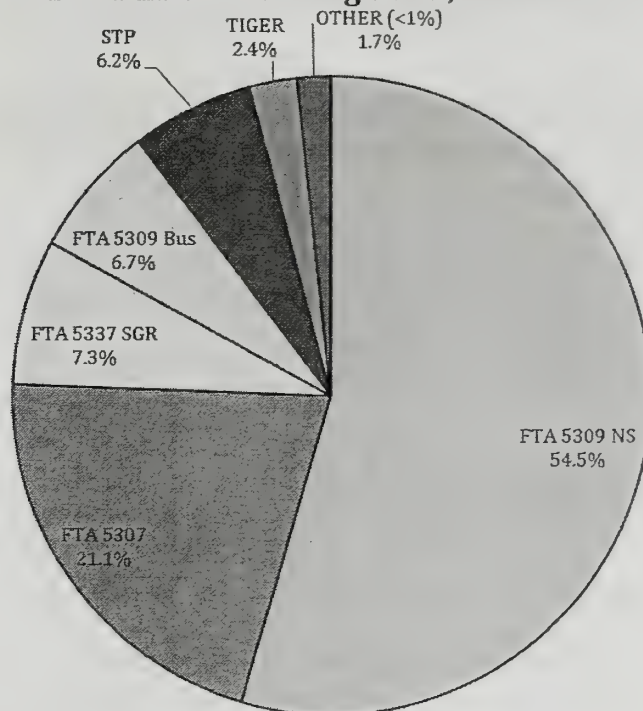
Fund Source	Total Obligations	Percent of Total
Surface Transportation Program (STP)	\$114.4 million	28.4%
National Highway Performance Program (NHPP)	\$85.2 million	21.2%
Highway Safety Improvement Program (HSIP/ HRRR)	\$49.1 million	12.2%
Interstate Maintenance (IM)	\$27.5 million	6.8%
Congestion Mitigation Air Quality Improvement (CMAQ)	\$25.2 million	6.3%
Emergency Relief (ER)	\$24.7 million	6.1%
American Recovery and Reinvestment Act (ARRA)	\$19.5 million	4.8%
Bridge Program	\$18.8 million	4.7%
Congestion Mitigation Air Quality Improvement (CMAQ+), FTA Transfer	\$12.5 million	3.1%
High Priority Earmark (HPP)	\$10.4 million	2.6%
Other (<1.5%) (Misc Earmarks, SRTS, TCSP, ITS, TIMP, NHS)	\$8.5 million	2.1%
Transportation Enhancements (RIP-TE)	\$6.8 million	1.7%
Total	\$402.6 million	100.0%

Chart B-1 shows that the majority of funding obligated by FHWA were STP projects with total obligations of about \$114.4 million, or 28.4%. These funds obligated are mainly used

for roadway and transit rehabilitation needs. Newly introduced through MAP-21 is the National Highway Performance Program (NHPP), which obligated 21.2% of federal funds or \$85.2 million. The High Risk Rural Roads (HRRR) program merged with Highway Safety Improvement Program (HSIP) as a result of MAP-21 and made up 12.2% or \$49.1 million of obligated funds. Interstate Maintenance (IM) funds which are used to maintain the Interstate Highway System in the region and account for approximately \$27.5 million or 6.8% of total projects obligated. CMAQ projects obligated about 6.3% or \$25.2 million. The region used CMAQ funds for a number of bicycle and pedestrian improvement and other significant air quality improvement projects. Emergency Relief (ER) funds which are primarily used for emergency openings, slide repair, and storm damage and account for approximately \$24.7 million or 6.1% of total projects obligated. With the sunset of the American Recovery and Reinvestment Act of 2009 (ARRA), which obligated \$19.5 million or 4.8% of total projects obligated in FFY2012-13, it is anticipated that FFY 2013-14 will reflect deobligations for this fund source as projects are closed out. The Bridge Program (Bridge) accounted for \$18.8 million, or 4.7% of the total projects obligated. Approximately \$12.5 million or 3.1% of funds obligated were transferred through to the FTA via the CMAQ program. Legislated High Priority Earmarks (HPP) accounted for \$10.4 million, or 2.6% of obligated funds. Transportation Enhancement (RIP-TE) funds comprise approximately 1.7% or \$6.8 million of obligated funds.

- The remaining obligations accounting for \$8.5 million or 1.7% are for projects classified under "Other (<1.5%)" funds, including programs such as:
 - Miscellaneous Earmarks (e.g., Non-motorized Transportation, Rail and Highway Crossing Hazard Elimination, Urban Mobility)
 - Public Land Highways (PLH)
 - Safe Routes to School (SRTS)
 - Transportation, Community, and System Preservation (TCSP)
 - Surface Transportation Program, FTA Transfers (STP+)
 - Redistribution

Chart B-2: FTA Transit Obligations

B-2: FTA Transit Obligations, FFY 2012-13

Fund Source	Total Obligations	Percent of Total
FTA Section 5309 New Starts (NS)	\$226.8 million	54.5%
FTA Section 5307	\$87.6 million	21.1%
FTA 5337 State of Good Repair (SGR)	\$30.6 million	7.3%
FTA Section 5309 Bus	\$27.8 million	6.7%
Surface Transportation Program (STP) (Flexed)	\$25.9 million	6.2%
Transportation Investment Generating Economic Recovery (TIGER)	\$10.0 million	2.4%
Other (<1%) (FTA 5309 FG, FTA 5320, CMAQ, FBD, FTA 5316 JARC)	\$7.2 million	1.7%
Total	\$415.9 million	100.0%

Chart B-2 shows the breakdown of FTA obligations in FFY 2012-13. The majority of obligations were for FTA Section 5309 New Starts (NS) which account for 54.5% of FTA-obligated funds, or \$226.8 million. FTA section 5307 account for 21.1% of FTA-obligated funds, or about \$87.6 million. Section 5307 funds can be used for a variety of purposes, including bus purchases, maintenance, and facility improvements. FTA 5337 State of Good Repair (SGR) funds accounted for \$30.6 million or 7.3% of transit funds obligated. FTA section 5309 Bus funds make up a combined total of 6.7% of FTA-obligated funds, or \$27.8 million. Section 5309 Bus funds include new start funding for significant capital projects,

and bus funding for bus facilities and bus purchases. Surface Transportation Program (STP) funds account for 6.2% or \$25.9 million in funds obligated. Transportation Investment Generating Economic Recovery (TIGER) funds account for 2.4% or \$10.0 million in FTA-obligated funds.

Additional obligations occurred in the following fund sources:

- Projects included in the "Other" funds include:
 - Job Access and Reverse Commute (JARC)
 - Ferry Boat Discretionary (FBD)
 - FTA Section 5309 Fixed Guideway
 - Congestion Mitigation Air Quality Improvement (CMAQ)
 - FTA 5320 Transit in Parks Program

Annual Obligation Listing Highlights

Below are the projects with the highest obligation amount in FFY 2012-13 for each of the attached tables.

Table 1: FHWA State and Locally-Managed Project Obligations, Top 10 Obligations Overall

Agency	Project Title	Total
State-Managed	San Mateo Co Near Pacifica on Rte 1 S/O Linda Mar Blvd, Construct Tunnels, Approach Route – Devil's Slide Tunnel	\$38,062,241
Metropolitan Transportation Commission (MTC)	Clipper Fare Collection System	\$22,294,633
State-Managed	In Santa Clara, from Hecker Pass to Uvas Creek, Upgrade Shoulders and Provide Minor Realignment (TC)	\$21,467,184
State-Managed	From Crow Canyon Rd in San Ramon to Sycamore Valley Rd in the City of Danville, Construct Auxiliary Lanes	\$19,449,535
San Francisco County Transport Authority (SFCTA)	Yerba Buena Island (YBI) Ramp Improvements	\$19,336,025
Solano County	Winters Rd (Railroad Street) at Putah Creek, Replace Existing Bridge (TC)	\$15,337,633
Caltrans	SR 24 - Caldecott Tunnel 4th Bore	\$14,930,139
State-Managed	Near City of Sebastopol at Laguna De Santa Rosa Bridge, Bridge Replacement (Scouring) (TC)	\$12,892,549
San Francisco Dept of Public Works (SFDPW)	4th St Bridge Seismic Retrofit & Rehab	\$11,879,995
Alameda County	In Alameda County on Interstate Route 80/580/880 Separation, Rehab the Bridge Deck (TC)	\$10,996,000

Table 2: Federal Transit Administration Obligated Projects, Top 10 Obligations

Operator	Project Description	Obligation Amount
SFMTA	SFMTA: Third St LRT Phase 2 – New Central Subway	\$226,766,415
SFMTA	SFMTA: Rail Replacement Program	\$26,992,086
SFMTA	SFMTA: Replace 45 NABI Motor Coaches & 17 Gilligs	\$24,393,662
SFMTA	SFMTA: Replace 26 60' Neoplan Buses	\$16,742,037
SFMTA	SFMTA: Replace 58 40' Neoplan Buses	\$15,815,991
SFMTA	SFMTA: Trolley Coach Replacement	\$15,502,261
WETA	WETA: Replace Ferry Vessels	\$14,800,000
SFMTA	Mission Bay/UCSF Multi-Modal Transportation Improvements	\$10,000,000
SFMTA	SFMTA: Improvements to 8X Bayshore	\$6,352,000
SFMTA	Light Rail Vehicle Overhaul Program	\$5,120,704

Listing of Commonly Used Abbreviations

Below is a listing of commonly-used abbreviations in this document and their meanings.

Abbreviation	Meaning
ALA	Alameda
AC	Asphalt Concrete
AC	Advance Construction
AC Transit	Alameda-Contra Costa Transit District
ACCMA	Alameda County Congestion Management Agency
ACTC	Alameda County Transportation Commission
ADA	Americans with Disabilities Act
ARRA	American Recovery and Reinvestment Act
BAAQMD	Bay Area Air Quality Management District
BART	Bay Area Rapid Transit District
BR	Bridge
BRT	Bus Rapid Transit
Caltrain/JPB	Caltrain / Peninsula Joint Powers Board
Caltrans	California Department of Transportation
CC	Contra Costa
CCAG	[San Mateo] Cities/County Associated Governments
CCCTA	Central Contra Costa Transit Authority
CCTA	Contra Costa Transportation Authority
CCTV	Closed-Circuit Television
CHP	California Highway Patrol
CMA	Congestion Management Agency
CMAQ	Congestion Mitigation Air Quality Improvement
CO	County
CON	Construction
DPW	Department of Public Works
E/B	Eastbound
E/O	East of
EA	Expenditure Authorization
EBRPD	East Bay Regional Parks District
ECCTA	Eastern Contra Costa Transit Authority
ENV	Environmental
ER	Emergency Relief (or Response)
Fed Disc	Federal Discretionary
FFY	Federal Fiscal Year
FHWA	Federal Highway Administration
FTA	Federal Transit Administration
FTA 5307	Federal Transit Administration section 5307
FTA 5309 FG	Federal Transit Administration section 5309 – Fixed Guideways
FTA Ear 5309 Bus	Federal Transit Administration section 5309 Earmark – Bus
FTA Ear 5309 NS	Federal Transit Administration section 5309 Earmark – New Starts
FTA 5308 CF	Federal Transit Administration section 5308 Clean Fuel
FTA 5317 NF	Federal Transit Administration section 5317 New Freedom

Abbreviation	Meaning
FTA 5320 TIPP	Federal Transit Administration section 5320 Transit in Parks Program
FTA 5337 SGR	Federal Transit Administration section 5337 State of Good Repair
FY	Fiscal Year
GGBHTD	Golden Gate Bridge, Highway, and Transportation District
HBP	Highway Bridge Program
HE	Hazard Elimination
HOT	High Occupancy – Toll
HOV	High Occupancy Vehicle
HPP	High Priority Program
HRRR, HR3	High Risk Rural Roads
HSIP	Highway Safety Improvement Program
I/C	Interchange
I/S	Intersection
IBRC	Innovative Bridge Research and Construction
IIP	Infrastructure Investment Program
IM	Interstate Maintenance
ISTEA	Intermodal Surface Transportation Efficiency Act
ITS	Intelligent Transportation Systems
JARC	Job Access and Reverse Commute
LAVTA	Livermore Amador Valley Transit Authority
LTAP	Local Technical Assistance Plan
MAP-21	Moving Ahead for Progress in the 21st Century
MPO	Metropolitan Planning Organization
MTC	Metropolitan Transportation Commission
N/B	Northbound
N/O	North of
NCTPA	Napa County Transportation Planning Agency
NII	National Infrastructure Investment
NHS	National Highway System
NHPP	National Highway Performance Program
NWPRR	Northwestern Pacific Railroad
OA	Obligation Authority
OC, O/C	Overcrossing
PBA	<i>Plan Bay Area</i>
PCC	Portland Cement Concrete
PE	Preliminary Engineering
PEPRA	California Public Employees' Pension Reform Act
PLH	Public Land Highway
PM	Postmile
PNRS	Projects of National or Regional Significance
PS&E	Plans, Specifications, and Estimates
PTAP	Pavement Technical Assistance Program
RBP	Regional Bicycle/Pedestrian
ROW, R/W, RW	Right of Way
RTP	Regional Transportation Plan

Abbreviation	Meaning
RTPA	Regional Transportation Planning Agency
S/B	Southbound
S/O	South of
SAFETEA	Safe, Accountable, Flexible, Efficient Transportation Equity Act
SamTrans	San Mateo County Transit District
SC, SCL	Santa Clara
SCTA	Sonoma County Transportation Authority
SF	San Francisco
SFMTA	San Francisco Municipal Transportation Agency
SFCTA	San Francisco County Transportation Authority
SHOPP	State Highway Operations and Protection Program
SM	San Mateo
SR	State Route
SRTS, SR2S	Safe Routes to Schools
STA	Solano Transportation Authority
STIP	State Transportation Improvement Program
STP	Surface Transportation Program
T-2035	Transportation 2035 (MTC's RTP)
TAM	Transportation Authority of Marin
TAP	Transportation Alternative Program
TBJPB	Transbay Joint Powers Board
TC	Toll Credits
TCA	Transit Capital Assistance
TE	Transportation Enhancements
TEA	Transportation Enhancement Activities
TETAP	Traffic Engineering Technical Assistance Program
TIP	Transportation Improvement Program
TIGER	Transportation Investment Generating Economic Recovery
TMC	Traffic Management Center
TMP	Traffic Management Plan
TOS	Traffic Operations System
UA, UZA	Urbanized Area
UC, U/C	Undercrossing
VPP	Value Pricing Parking
VTA	Santa Clara Valley Transportation Authority
W/B	Westbound
W/O	West of
Westcat	Western Contra Costa Transit Authority
WETA	Water Emergency Transportation Authority
ZEB	Zero-Emissions Bus

Further Information

For additional information regarding specific projects contained within this report, please contact the project sponsor.

For additional information about this report or federal programming and obligations in general, please visit our website at:

<http://www.mtc.ca.gov>

Or, you may contact the following staff persons at MTC's Programming and Allocations section:

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Alix Bockelman	Section Director	(510) 817-5850	abockelman@mtc.ca.gov

TABLE 1: FHWA LOCALLY AND STATE-MANAGED PROJECTS OBLIGATIONS, FFY 2012-13

TIP ID / EA	County	Agency	Project Name	Fund Source	Federal Project ID	Obligation Amount	Obligation Date	FY13 Program Amt	Future Funding
ALA070022	Alameda	Alameda City	City of Alameda - Park St Streetscape	TCSF	TCSP-5014040	\$28,800	3/22/2013	28,800	-
ALA070022	Alameda	Alameda City	City of Alameda - Park St Streetscape	TCSF	TCSP-5014040	\$254,085	9/6/2013	271,200	-
ALA110100	Alameda	Alameda Contra Costa Transit District (AC Transit)	AC Transit: Line 51 Corridor	CMAQ+	FTACML-6002019	\$10,515,624	4/23/2013	621,211	-
ALA110105	Alameda	Alameda County	San Leandro BART - Transit Access Improvements	CMAQ+	FTACML-6002020	\$1,225,539	6/14/2013	1,225,539	-
04000212485	Alameda	Alameda County	GREENVILLE ROAD TO ISABEL AVENUE (LIVERMORE), CONSTRUCT A WESTBOUND HOV LANE	IM	IM-5801055	(\$2,862,967)	9/25/2013	-	-
041724245	Alameda	Alameda County	NR LIVERMORE @ CROSS & PATTERSON PASS-2.2 MILES SE OF RT 580 N/O GREENVILLE RD, ENVIRONMENTAL MITIGATION (TC)	IM	IM-5801048	\$281,929	2/14/2013	-	-
ALA030002	Alameda	Alameda County	VASCO ROAD - LOS VAQUEROS ROAD TO ALAMEDA COUNTY LINE, CONSTRUCT MEDIAN BARRIER	STP	HPUL-5933102	(\$248,227)	5/7/2013	-	-
ALA030002	Alameda	Alameda County	Alameda: Vasco Road Safety Improvements	STP	HPUL-5933116	\$478,228	4/17/2013	480,000	-
ALA050035	Alameda	Alameda County	Cherryland/Ashland/CastroValley/Fairview Sidewalk Improvements	TCSF	SFTSL-5933107	\$282,931	1/14/2013	317,000	-
ALA050035	Alameda	Alameda County	Cherryland/Ashland/CastroValley/Fairview Sidewalk Improvements	EARMARK SEC 117	DEMO05L-5933114	\$494,000	11/30/2012	494,000	-
ALA050035	Alameda	Alameda County	Cherryland/Ashland/CastroValley/Fairview Sidewalk Improvements	TCSF	DEMO05L-5933114	\$283,000	1/14/2013	283,000	-
ALA050035	Alameda	Alameda County	Cherryland/Ashland/CastroValley/Fairview Sidewalk Improvements	HPP	DEMO06L-5933122	\$106,000	11/30/2012	106,000	-
ALA050035	Alameda	Alameda County	Cherryland/Ashland/CastroValley/Fairview Sidewalk Improvements	EARMARK SEC 117	DEMO05L-5933123	\$250,000	11/30/2012	250,000	-
ALA050035	Alameda	Alameda County	Cherryland/Ashland/CastroValley/Fairview Sidewalk Improvements	EARMARK SEC 117	TCSP-09CA018	\$335,910	11/30/2012	335,910	-
ALA090067	Alameda	Alameda County	CITY OF SAN LEANORO - PM 33.5 TO PM 34.6 BETWEEN ESTUDILLO AVE AND 141ST STREET, LANDSCAPING AND IRRIGATION (NOISE BARRIER) (TC)	STP	STPE-5801056	\$48,125	6/27/2013	-	-
ALA110049	Alameda	Alameda County	Foothill & Mines Rd Roadside Obstacle Removal HSP	HSIP	HSIP-5933097	\$426,600	8/11/2013	426,600	-
VAR110044	Alameda	Alameda County	IN ALAMEDA COUNTY ON INTERSTATE ROUTE 80/580/880 SEPARATION, REHAB THE BRIDGE DECK (TC)	NHPP	NHPI-5801058	\$10,996,000	8/5/2013	-	-
VAR991005	Alameda	Alameda County	OAKLAND MACARTHUR BLVD. ON RAMP, PARTIAL WIDENING	IM	IM-5801044	\$371,840	8/7/2013	-	-
ALA990013	Alameda	Caltrans	I-238 Widening	HPP	STPL-6204057	\$149,842	10/26/2012	-	-
ALA990091	Alameda	Caltrans	BERKELEY BAY TRAIL EXTENSION, WALKWAY & BIKELANE (TC)	RIP-TE	RPSPL-5057038	(\$67,801)	7/11/2013	-	-
ALA050082	Alameda	Dublin	DUBLIN BLVD.-HANSEN DR. & TASSAJARA ROAD, BART STATION CORRIDOR ENHANCEMENT	CMAQ	CML-5432013	(\$40,491)	10/18/2012	-	-
ALA050082	Alameda	Dublin	E. Dublin BART Station Corridor Bike/Ped Enh.	HPP	HPUL-5432017	\$297,000	11/8/2012	300,000	-
04925643L	Alameda	Fremont	OLD CANYON RD/ALAMEDA CO CHANNEL BR33C0017, PREVENTIVE MAINTENANCE	BRIDGE	BPMP-5322037	(\$327)	6/27/2013	-	-
ALA110012	Alameda	Fremont	MIDTOWN DISTRICT-WALNUT AVE, BEACON AVE, AND CALIFORNIA ST (PHASE I AND II), STREETSCAPE ENHANCEMENTS	CMAQ	CML-5322044	(\$1)	10/12/2012	-	-
ALA110044	Alameda	Fremont	PASEO PADRE PKW. FROM WALNUT AVE. TO WASHINGTON BLVD., ELECTROLIER REPLACEMENT	HSIP	HSIP-5322041	(\$37,930)	9/18/2013	-	-
ALA110045	Alameda	Fremont	Walnut Argonaut Lane Reduction & Roundabout	HSIP	HSIP-5322042	\$458,190	4/11/2013	458,190	-
ALA110053	Alameda	Fremont	Mowry/ Overacker Intersection Improvements	HSIP	HSIP-5322030	\$163,800	3/7/2013	163,890	-
ALA110080	Alameda	Fremont	SHERWOOD WAY OVER ALAMEDA CO FLOOD CHANNEL, PREVENTIVE MAINTENANCE	BRIDGE	BPMP-5322034	(\$3,162)	6/27/2013	-	-
ALA110080	Alameda	Fremont	VARIOUS CITY BRIDGES, 33C0017, 33C0059, 33C0135 & 33C0400, BRIDGE PREVENTIVE MAINTENANCE	BRIDGE	BPMP-5322045	(\$34,055)	6/27/2013	-	-
ALA110080	Alameda	Fremont	PMD0028, Fremont Bridge Maintenance Project	STP	BPMP-5322047	\$371,826	3/27/2013	371,826	-
ALA110088	Alameda	Fremont	Bridge No. 33C0128, Niles Blvd. Over BART/UPRR	STP	BR-5322019	\$240,000	5/8/2013	7,513,984	-
ALA110097	Alameda	Fremont	Old Canyon Rd Bridge Scour Countermeasure (33C0017) (TC)	BRIDGE	BHLO-5322050	\$105,000	3/27/2013	105,000	-
ALA090052	Alameda	Livermore	EAST AVE., PORTOLA ST., AND EAST STANLEY BLVD., PAVEMENT REHAB AND STREET REPAIR	ARRA	ESPL-5053018	(\$19,933)	9/19/2013	-	-
ALA110013	Alameda	Livermore	DOWNTOWN LIVERMORE, BIKE & PED. TRAIL	CMAQ	CML-5053025	(\$86,771)	7/25/2013	-	-
ALA110021	Alameda	Livermore	RAILROAD AVE, HOLMES ST, VALLEJITOS RD, AND PORTOLA AVE, AC OVERLAY	STP	STPL-5053023	(\$108,593)	4/17/2013	-	-
ALA110037	Alameda	Livermore	DOWNTOWN LIVERMORE, PEDESTRIAN PLAZA, PEDESTRIAN PLAZA	CMAQ	CML-5053022	(\$2,500,000)	4/17/2013	-	-
0413000475L	Alameda	Metropolitan Transportation Commission (MTC)	SAN FRANCISCO BAY AREA, TRAVEL MODEL RESEARCH MTC & SFCTA	EARMARK SEC 5512	ATF5512L-6084184	\$90,000	8/9/2013	-	-

TABLE 1: FHWA LOCALLY AND STATE-MANAGED PROJECTS OBLIGATIONS, FFY 2012-13

TIP ID/ EA	County	Agency	Project Name	Fund Source	Federal Project ID	Obligation Amount	Obligation Date	FY13 Program Amt	Future Funding
ALA090030	Alameda	Metropolitan Transportation Commission (MTC)	Regional Planning Activities and PPM - Alameda	STP	STPL-6084175	\$3,270,000	3/22/2013	3,270,000	-
MTC030003	Alameda	Metropolitan Transportation Commission (MTC)	SAN FRANCISCO BAY AREA, RAMP METER INSTALLATION	CMAQ	CMLN-6084147	(\$56,609)	6/18/2013	-	-
MTC99002A	Alameda	Metropolitan Transportation Commission (MTC)	NINE COUNTIES IN THE SF BAY AREA, TRANSILINK FARE COLLECTION	CMAQ	STPCML-6084095	(\$1)	2/14/2013	-	-
MTC991001	Alameda	Metropolitan Transportation Commission (MTC)	SAN FRANCISCO BAY AREA, PERFORMANCE MONITORING	STP	STPL-6084140	(\$4,446)	5/16/2013	-	-
REG090065	Alameda	Metropolitan Transportation Commission (MTC)	SAN FRANCISCO BAY AREA, CLIMATE INITIATIVES PROGRAM PUBLIC EDUCATION	CMAQ	CML-6084164	(\$700,000)	8/8/2013	-	-
REG110043	Alameda	Metropolitan Transportation Commission (MTC)	ASSESSMENT	STR	STEAPCRP-6084183	\$300,000	8/9/2013	-	-
ALA070027	Alameda	Oakland	MANDELA PARKWAY, OAKLAND BAY TRAILS	CMAQ	STPLEE-5012065	(\$65,492)	7/18/2013	-	-
ALA090047	Alameda	Oakland	VARIOUS STREETS AND ROADS - CITYWIDE STREETS AND ROADS REHAB.	ARRA	ESPL-5012099	(\$17,698)	6/19/2013	-	-
ALA090050	Alameda	Oakland	VARIOUS STREETS AND ROADS - CITYWIDE CURB RAMPS AND SIDEWALK REPAIR	ARRA	ESPL-5012098	(\$88,804)	9/19/2013	-	-
ALA110029	Alameda	Oakland	FOOTHILL BLVD. FROM AUSTIN AVE. TO 35TH AVE., STREETSCAPING	STP	STPL-5012105	(\$2,200,000)	6/18/2013	-	-
ALA110066	Alameda	Oakland	BRIDGE 33C0028 ON ADELIN ST. NORTH OF 3RD ST., REHABILITATION (BPMP)	BRIDGE	BPMP-5012083	(\$522,011)	2/22/2013	-	1,298,308
ALA110069	Alameda	Oakland	HEGENBERGER ROAD OH (WPRR) (BR NO 33C-0202), SEISMIC RETROFIT	BRIDGE	STPLZ-5012027	(\$3,637,245)	9/19/2013	-	-
ALA110069	Alameda	Oakland	Seismic Retro of Hegenberger Rd Bridge (33C0202)	STP	STPLZ-5012121	\$92,957	4/29/2013	-	-
0413000305L	Alameda	Pleasanton	VARIOUS BRIDGES IN THE CITY OF PLEASANTON, BRIDGE PREVENTIVE MAINTENANCE	BRIDGE	BPMP-5101027	\$110,043	3/29/2013	-	-
0413000349L	Alameda	Pleasanton	BRIDGE NO.33C0132 BERNAL AVE OVER ARROYO DE LA LAGUNA, CLEAN BRIDGE AND APPLY PROTECTIVE COATING	BRIDGE	BHLS-5101028	\$90,079	3/29/2013	-	-
ALA110021	Alameda	Pleasanton	OLD SANTA RITA RD., SANTA RITA RD., W. LAS PITAS BLVD., OWEN DR., AND WILLOW RD., PAVEMENT REHAB.	STP	STPL-5101025	(\$904)	8/9/2013	-	-
ALA110031	Alameda	Pleasanton	Pleasanton - Foothill/I-580 IC Bike/Ped Facilities	CMAQ	CML-5101026	\$709,000	4/30/2013	709,000	-
ALA070054	Alameda	Port of Oakland	California Inter-regional Rail Intermodal Study	EARMARK SEC 117	DEMO051-6057014	\$983,928	11/13/2012	150,000	-
ALA110065	Alameda	San Leandro	MONARCH BAY DR (FORMERLY NEPTUNE DR) OVER ACF CANAL, BRIDGE # 33C0134, BRIDGE PREVENTIVE MAINTENANCE	STP	BPMP-5041039	\$271,123	6/12/2013	-	271,123
ALA110113	Alameda	San Leandro	Bancroft Ave/Sybil Ave Intersection Improvements.	HSIP	HSIP-5041042	\$69,300	7/16/2013	69,300	-
0400000164S	Alameda	State-Managed	IN ALAMEDA AND CONTRA COSTA COUNTIES AT VARIOUS LOCATIONS, UPGRADE TRAFFIC BARRIERS/GUARDRAIL END TREATMENTS	STP	HSSTPG-000C353	\$1,770,672	9/27/2013	-	-
0400020743S	Alameda	State-Managed	I-238 & I-580 FROM THE I-238/I-580 INTERCHANGE TO THE VASCO RD/I-580 INTERCHANGE, INSTALL TOS AND IMPLEMENT RAMP METERING	IM	IM-X001568	(\$5,562,739)	9/25/2013	-	-
0412000428S	Alameda	State-Managed	NB 880 IN HAYWARD AND SAN LEANDRO FROM A STREET U/C TO MARINA BLVD O/C, PLACE HOT MIX ASPHALT OPEN GRADED FRICTION CO-TC)	IM	IM-8801068	\$2,812,043	9/25/2013	-	-
0412000485S	Alameda	State-Managed	ON I-580 FROM A STREET U/C TO 0.1 MILE S/O WASHINGTON AVE OVERCROSSING, RESURFACE EXISTING ROADWAY (TC)	HBP	IM-8801067	\$1,832,479	5/1/2013	-	-
0413000126S	Alameda	State-Managed	INTERSTATE 880 SOUTHBOUND - MARINA BLVD TO HEGENBERGER ROAD, HOV LANE EXTENSION LANDSCAPE ENHANCEMENTS	RIP-TE	STPE-8801069	\$400,000	5/13/2013	-	-
04165424S	Alameda	State-Managed	OAKLAND-S/O HIGH ST TO S/O FRUITVALE AVENUE, BRIDGE REPLACEMENT	BRIDGE	IM-ACBRI-8801059	\$8,132,077	9/25/2013	-	-
04172404S	Alameda	State-Managed	NEAR LIVERMORE & PLEASANTON E/O RT 680, HORIZONTAL/VERTICAL CURVE ALIGNMENT	STP	STP-P084034	\$3,582,807	9/25/2013	-	-
044A4004S	Alameda	State-Managed	ALAMEDA CO IN OAKLAND AT RTE 80/580/880, SEP. DEMOLISH 90/580 CONNECTOR	ER	ER-4322001	(\$409,235)	2/27/2013	-	-
04924596L	Alameda	State-Managed	PALOMARES ROAD @ MM 8.70, EMERGENCY OPENING & PRE- RESTO	ER	ER-4430004	(\$4,406)	7/2/2013	-	-
ALA050019	Alameda	State-Managed	OAKLAND: I-880 BETWEEN 23RD AVE TO 29TH AVE, RECONFIGURE INTERCHANGE, INCLUDING NEW RAMPS (TC)	IM	ACIM-IM-8801063	(\$2,448,850)	8/23/2013	-	-
MTC050011	Alameda	State-Managed	UNDERCROSSING, UPGRADE MEDIAN BARRIER (TC) IN OAKLAND FROM OK-MADISON UNDERCROSSING TO WASHINGTON STREET	IM	HSIM-8801066	\$1,835,107	9/25/2013	-	-
VAR110004	Alameda	State-Managed	ALA 84, 580 AND 660 AT VARIOUS LOCATIONS & CC 4 AND 80 AT VARIOUS LOCATIONS, INSTALL METAL BEAM GUARDRAILS	HSIP	HSNHG-000C361	\$3,959,450	7/2/2013	-	-
VAR991005	Alameda	State-Managed	SAN FRANCISCO - OAKLAND BAY BRIDGE, REPLACE SFOBB EAST SPAN	BRIDGE	BRIM-IM-0801090	(\$1,354,791)	12/21/2012	-	-

TABLE 1: FHWA LOCALLY AND STATE-MANAGED PROJECTS OBLIGATIONS, FFY 2012-13

TIP ID/ EA	County	Agency	Project Name	Fund Source	Federal Project ID	Obligation Amount	Obligation Date	FY13 Program Amt	Future Funding
ALA110017	Alameda	Union City	DRYER STREET - WHIPPLE TO ALVARADO, REHAB	STP	STPL-5354029	(\$41,514)	12/13/2012	-	-
ALA110071	Alameda	Union City	Decoto Road Bridge over Alameda Creek (33C0111)	NHPP	STPLZ-5354027	\$4,820,491	8/5/2013	4,824,885	-
04923487L	Contra Costa	Brentwood	BRENTWOOD BLVD. (SR4) FROM PINE TO 2ND STREET, CURVE RECONSTRUCTION	STP	STPLH-5300005	(\$485,244)	5/1/2013	-	-
CC-110009	Contra Costa	Brentwood	IN BRENTWOOD ON SELLERS AVE, SAN CREEK ROAD, AND O'HARE AVE, ROADWAY REHABILITATION AND CURB RAMP UPGRADE	STP	STPL-5300009	(\$5,835)	6/11/2013	-	-
CC-110052	Contra Costa	Brentwood	AMERICAN AVE AT HERITAGE HIGH SCHOOL PARKING LOT AND GRANT STREET NEAR	CMAQ	CML-5300010	(\$75,828)	6/11/2013	-	-
CC-010002	Contra Costa	Caltrans	ADAMS LN, TRAFFIC SIGNAL, SIDEWALK	ARRA	SARRA-P024030	\$14,930,139	9/25/2013	134,197	-
CC-010002	Contra Costa	Caltrans	SR 24 - Caldecott Tunnel 4th Bore	STP	ARRAL-P024031	\$67,878	3/7/2013	67,828	-
CC-030005	Contra Costa	Caltrans	CITY OF DANVILLE, I-680 BETWEEN CROW CANYON RD AND SYCAMORE VALLEY RD, CONSTRUCT AUXILIARY LANES	IM	IMDL-6204107	\$3,245,500	9/18/2013	-	-
CC-090032	Contra Costa	Caltrans	Richmond Rail Connector	CMAQ	STPLR-7500212	\$6,330,000	9/17/2013	6,330,000	-
04928207L	Contra Costa	Concord	VARIOUS LOCATIONS (SEE STATE COMMENTS) .. SEISMIC RETROFIT	BRIDGE	STPLZ-5135012	(\$5,913)	9/19/2013	-	-
CC-090067	Contra Costa	Concord	Monument Corridor Pedestrian and Bikeway Network I	CMAQ	RPSTPL-5135046	\$173,700	6/18/2013	180,000	-
CC-090067	Contra Costa	Concord	Monument Corridor Pedestrian and Bikeway Network I	RIP-TE	RPSTPL-5135046	\$944,000	6/18/2013	944,000	-
CC-110019	Contra Costa	Concord	IN CONCORD: PARALLEL TO SR 242 FROM MAYETTE AVE / MAY COURT TO MEADOW LANE, NEW PEDESTRIAN AND BIKE PATH	CMAQ	CML-5135040	(\$180,000)	6/13/2013	-	-
04924848L	Contra Costa	Contra Costa County	WILLOW LAKE RD-DISCOVERY BAY BLVD TO SCHOOL, SIDEWALKS, CURB RAMPS, & CROSS WALK	SRTS	SRTSL-5928087	(\$26,635)	6/28/2013	-	-
CC-050030	Contra Costa	Contra Costa County	VASCO ROAD-3 TO 5.5 MI. N OF ALA / CCCO LINE, RDWY WIDENING / SAFETY IMPROVEMENTS	EARMARK SEC 117	ESPLDEMO-5928093	(\$431,070)	4/30/2013	-	-
CC-050062	Contra Costa	Contra Costa County	STONE VALLEY ROAD, FROM DANVILLE BOULEVARD, ROADWAY REHAB / OVERLAY / ADA	STP	STPL-5928080	\$70,220	5/21/2013	-	-
CC-070019	Contra Costa	Contra Costa County	SR-239 BETWEEN SR4 IN BTWD AND I-205 IN TRACY, PLANNING STUDY- DETERMINE ALIGNMENT	HPP	HPLUL-5928099	(\$2,600,000)	12/13/2012	-	-
CC-110029	Contra Costa	Contra Costa County	PACHECO BLVD-CAMINO DEL SOL AND WINDHOVER WAY, CONSTRUCT SIDEWALKS / CURB & GUT	SRTS	SRTSL-5928086	\$138,611	9/18/2013	-	-
CC-110053	Contra Costa	Contra Costa County	VARIOUS BRIDGES THROUGHOUT CONTRA COSTA COUNTY, BRIDGE DECK METHACRYLATE TREATMENT	BRIDGE	BPMP-5928101	(\$166,488)	6/27/2013	-	-
CC-110059	Contra Costa	Contra Costa County	CANAL RD APPROX. 0.5 MI W OF BAILEY RD IN BAY POINT, REPLACE EXISTING BRIDGE WITH 2-LN STRUCTURE (TC)	BRIDGE	BRLO-5928108	\$140,475	9/18/2013	-	-
CC-110067	Contra Costa	Contra Costa County	BRIDGE 28C0024, Onwood Road Bridge Replacement (TC)	BRIDGE	BRLO-5928045	\$100,000	6/19/2013	-	-
CC-110068	Contra Costa	Contra Costa County	March Creek Detention Facility Bridge Replacement	BRIDGE	BRLO-5928068	\$97,604	7/26/2013	325,790	-
CC-110071	Contra Costa	Contra Costa County	San Pablo Avenue Bridge Replacement Project 28C0071	NHPP	BRLS-5928067	\$35,412	7/26/2013	35,412	-
CC-110073	Contra Costa	Contra Costa County	BOULEVARD WAY OVER LAS TRAMPAS CREEK, BRIDGE SCOUR REPAIR/COUNTERMEASURE	BRIDGE	BHLO-5928082	(\$7,714)	12/6/2012	-	-
CC-030028	Contra Costa	Contra Costa Transportation Authority (CCTA)	SR 4 East Widening from Somersville to SR 160	EARMARK SEC 115	HPLUL-6204092	\$198,000	7/9/2013	198,000	-
CC-030028	Contra Costa	Contra Costa Transportation Authority (CCTA)	SR 4 East Widening from Somersville to SR 160	EARMARK SEC 117	HPLUL-6204092	\$594,441	7/9/2013	594,441	-
CC-030028	Contra Costa	Contra Costa Transportation Authority (CCTA)	SR 4 East Widening from Somersville to SR 160	HPP	HPLUL-6204092	\$250,000	7/9/2013	250,000	-
CC-050076	Contra Costa	Contra Costa Transportation Authority (CCTA)	CITY OF RICHMOND I/80 AT CENTRAL AVE. RECONFIG INTER. TO REDUCE TRAFFIC	HPP	HPLUL-6072005	(\$409,597)	5/1/2013	-	-
CC-110066	Contra Costa	Contra Costa Transportation Authority (CCTA)	SR-239 BETWEEN SR4 IN BTWD AND I-205 IN TRACY, PLANNING STUDY- DETERMINE ALIGNMENT	HPP	HPLUL-6072014	\$3,097,600	12/14/2012	3,327,000	-
CC-050075	Contra Costa	Danville	CAMINO TASSAJARA & CROW CANYON RD. TO E. TOWN, CONSTR. PEDESTRIAN WALKWAY&BIK	TRANS IMP PROG	TIPL-5434015	(\$1,223,100)	12/13/2012	-	-
CC-070033	Contra Costa	East Bay Regional Park District (EBRPD)	LAFAYETTE - MORAGA TRAIL BETWEEN FOYE DRIVE AND CANYON ROAD, RECONSTRUCT AC TRAIL	HPP	HPLUL-6075016	(\$115,910)	4/30/2013	-	-
CC-050067	Contra Costa	El Cerrito	IN EL CERRITO VARIOUS LOCATIONS, RESURFACE AC.	STP	STPL-5239011	(\$21,816)	6/27/2013	-	-
CC-070074	Contra Costa	El Cerrito	San Pablo Avenue Streetscape	CMAQ	CML-5239010	\$2,306,000	8/20/2013	506,000	-

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TIP ID/ EA	County	Agency	Project Name	Fund Source	Federal Project ID	Obligation Amount	Obligation Date	FY13 Program Amt	Future Funding
CC-090035	Contra Costa	Metropolitan Transportation Commission (MTC)	Regional Planning Activities and PPM - CC County	STP	STPL-6084175	\$1,164,000	3/22/2013	1,164,000	-
CC-090082	Contra Costa	Oakley	DELTA ROAD, A.C. OVERLAY	ARRA	ESPL-5477004	(\$1)	2/20/2013	-	-
CC-110038	Contra Costa	Pleasant Hill	Pleasant Hill Road at Geary Road Signal Upgrade	HSIP	HSIPL-5375022	\$235,800	2/1/2013	235,800	-
CC-110038	Contra Costa	Pleasant Hill	ON PLEASANT HILL RD. BTW DIABLO VIEW RD. GEARY RD., CONSTRUCT 5' SIDEWALK AND RAISE CONC. ISLAND.	HSIP	HSIPL-5375022	(\$58,989)	6/25/2013	-	-
CC-110039	Contra Costa	Pleasant Hill	CONTRA COSTA BLVD: CHIPANCING PARKWAY TO GOLF CLUB ROAD, INTERSECTION IMPROVEMENTS, REHAB. BIKE/PEDESTRIAN IMPROVE	HSIP	HSIPL-5375026	\$650,000	6/19/2013	-	-
CC-110090	Contra Costa	Pleasant Hill	Contra Costa Blvd. Improvement (Beth to Harriet)	HSIP	HSIPL-5375027	\$533,000	7/12/2013	-	900,000
0400020454L	Contra Costa	Richmond	VARIOUS LOCATIONS, CROSS WALK LIGHTING SCHOOL IMPROVEMENTS	SRTS	SRTSL-5137038	\$412,167	4/17/2013	-	-
04068744L	Contra Costa	San Pablo	RUMRILL BLVD OVER SAN PABLO CREEK @ BROOKSIDE, REPLACE BRIDGE NO. 28C-0325	BRIDGE	BRLS-5303003	(\$486,236)	5/16/2013	-	-
0413000028L	Contra Costa	San Pablo	RUMRILL BRIDGE OVER SAN PABLO CREEK AT BROOKSIDE DRIVE, MITIGATION MONITORING (NON-INFRASTRUCTURE)	STP	BRLS-5303014	\$35,411	6/12/2013	-	-
CC-110008	Contra Costa	San Ramon	ALCOSTA BLVD: SAN RAMON BLVD - FIRECREST LANE, RESURFACING	STP	STPL-5437024	(\$875,307)	6/18/2013	-	-
0400000483S	Contra Costa	State-Managed	I-580 IN THE CITY OF RICHMOND AT THE SCOFIELD AVE U/C AND WESTERN DR U/C, BRIDGE DECK REPLACEMENT (TC)	BRIDGE	BHIM-5801052	\$1,464,913	9/27/2013	-	-
0400020034S	Contra Costa	State-Managed	RT 4 IN CONCORD FROM PORT CHICAGO HWY ONRAMP TO WILLOW AVE OFFRAMP, INSTALL METAL BEAM GUARDRAIL (TC)	NHS	HSNH-P004145	\$31,071	9/27/2013	-	-
0400021066S	Contra Costa	State-Managed	FROM CROW CANYON RD IN SAN RAMON TO SYCAMORE VALLEY RD IN THE CITY OF DANVILLE, CONSTRUCT AUXILIARY LANES	IM	IM-IMD-6801069	\$19,449,535	9/27/2013	-	-
04006034S	Contra Costa	State-Managed	BENICIA-MARTINEZ BRIDGE ***	IM	IM-6801054	(\$2)	12/27/2012	-	-
04061P013S	Contra Costa	State-Managed	CONTRA COSTA CO. NON-INTERSTATE VAR. LOCS. - PRELIMINARY ENGINEERING	ER	ER-4309005	\$126,155	3/1/2013	-	-
0412000306S	Contra Costa	State-Managed	NB 680 FROM RIDGEWAY RD UNDERCROSSING TO 0.2 MILE S/O MONUMENT BLVD UNDERCROSSING, AC RESURFACING (TC)	NHPP	IM-6801070	\$3,092,774	9/18/2013	-	-
041A2504S	Contra Costa	State-Managed	RICHMOND - HILLTOP DRIVE OC, REPLACE BRIDGE	BRIDGE	IM-8RIM-0801108	\$1,222,361	2/19/2013	-	-
041A2504S	Contra Costa	State-Managed	RICHMOND - HILLTOP DRIVE OC, REPLACE BRIDGE	IM	IM-8RIM-0801108	\$935,099	2/19/2013	-	-
04228502/9S	Contra Costa	State-Managed	SR 4 E LOVERIDGE TO SOMERSVILLE, WIDEN TO 8 LANES	NHPP	NH-P004131	\$270,564	7/19/2013	-	-
042285C4S	Contra Costa	State-Managed	CC CO IN ANTIOCH/PITTSBURG ON RTE 4 FR. 4 MI WST TO .6 MI EST SOMERSVILLE RD U/C, WIDEN ROADWAY & RECONSTRUCT INTERCHANGE	NHS	NH-P004138	(\$7,031,716)	8/15/2013	-	-
04263704S	Contra Costa	State-Managed	CC COUNTY ON W/B 180 FROM RT 4 TO CUMMINGS, EXTEND HOV LANE	IM	IM-0801107	(\$1,829,580)	12/13/2012	-	-
04269604S	Contra Costa	State-Managed	RT 24 FROM CALDECOTT TUNNEL TO EL CURTOLA O/C, ROADWAY REHABILITATION	NHPP	NH-P024029	\$4,991,807	4/17/2013	-	-
CC-070038	Contra Costa	State-Managed	MARTINEZ RT 680 & MARINA VISTA/WATERFRONT RD., REHABILITATE ROADWAY	IM	IM-6801066	\$184,671	4/29/2013	-	-
VAR110031	Contra Costa	State-Managed	ON I-580 FROM ALAMEDA CO LINE TO 0.6 MI E/O THE RICHMOND-SAN RAFAEL TOLL PLAZA, RHMA OVERLAY (TC)	IM	IM-5801057	\$7,564,763	7/10/2013	-	-
0413000325L	Marin	Fairfax	MARIN RD & SPRUCE RD OVER FAIRFAX CR; CANYON RD OVER SAN ANSELMO CR, BRIDGE PREVENTIVE MAINTENANCE	BRIDGE	BFMP-5277026	\$101,743	4/9/2013	-	-
MRN050007	Marin	Fairfax	SIR FRANCIS DRAKE BLVD -- OAK MANOR TO MARIN, SHADOWICK TO ALAMI, REPAIR PAVEMENT, SLURRY SEAL	STP	-5277019	(\$103,000)	5/1/2013	-	-
MRN070014	Marin	Fairfax	Fairfax - Non-motorized Transp. Pilot Program (PASTORI AVE. BETWEEN Sir Francis Drake Blvd. & CENTER)	NMTP	NMTP-5277022	\$65,000	5/7/2013	65,000	-
MRN090018	Marin	Fairfax	SIR FRANCIS DRAKE BLVD: JUNE CT - WEST TOWN L, PAVEMENT RESURFACING	ARRA	ESPL-5277024	(\$1,000)	3/27/2013	-	-
MRN110017	Marin	Fairfax	MEADOW WAY BRIDGE OVER SAN ANSELMO CREEK, REPLACE 1 LANE BR. WITH 1 LANE CREEK ROAD OVER FAIRFAX CREEK IN THE TOWN OF FAIRFAX, MARIN COUNTY, SEISMIC RETROFIT (TC)	BRIDGE	BRL0-5277025	\$126,177	6/25/2013	-	-
VAR110045	Marin	Fairfax	Golden Gate Bridge, Highway and Transit District	BRIDGE	STPLZ-5277027	\$250,000	8/30/2013	-	-
MRN010035	Marin	Fairfax	ACIS Radio Communications System	CMAQ+	FTACML-6003050	\$233,738	4/11/2013	233,738	-
MRN070015	Marin	Larkspur	Larkspur - Non-motorized Transpo. Pilot Program (DOHERTY DR: MAGNOLIA AVE TO LUCKY DRIVE)	CMAQ	NMTP-5166018	\$85,000	8/12/2013	85,000	-
MRN070015	Marin	Larkspur	Larkspur - Non-motorized Transpo. Pilot Program (DOHERTY DR: MAGNOLIA AVE TO LUCKY DRIVE)	NMTP	NMTP-5166018	\$142,000	8/12/2013	142,000	-

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TIP ID/EA	County	Agency	Project Name	Fund Source	Federal Project ID	Obligation Amount	Obligation Date	FY13 Program Amt	Future Funding
MRN110018	Marin	Larkspur	BRIDGE NO. 27C0067, DOHERTY DR. OVER ARROYO HOLON	STP	BRLS-5166014	\$2,337,446	7/10/2013	-	-
MRN110024	Marin	Larkspur	BRIDGE NO. 27C0150, ALEXANDER AVE	BRIDGE	STPL-5166004	\$310,596	3/27/2013	310,596	2,999,396
04130002861	Marin	Marin County	ARROYO NICASIO BRIDGE ON NICASIO VALLEY ROAD, BRIDGE REPLACEMENT	STP	BRLS-5927097	\$377,137	4/22/2013	-	-
0413000287L	Marin	Marin County	MUIR WOODS ROAD OVER REDWOOD CREEK, 2.0 MI WEST OF STATE HIGHWAY 1, BRIDGE REPLACEMENT	STP	BRLS-5927098	\$239,031	4/17/2013	-	-
0413000288L	Marin	Marin County	OLEMA CREEK BRIDGE ON SIR FRANCIS DRAKE BLVD, BRIDGE REPLACEMENT	STP	BRLS-5927099	\$262,048	4/22/2013	-	-
0413000373L	Marin	Marin County	MT. LASSEN DR. OVER MILLER CREEK, 0.06 MI N LUCAS VALLEY RD., BRIDGE REHABILITATION (TC)	BRIDGE	BPMP-5927100	\$63,250	5/28/2013	-	-
0413000411L	Marin	Marin County	EAST SIR FRANCIS DRAKE BLVD. -- MP 0.55 TO MP 0.60, INSTALL GUARDRAIL AND RADAR SPEED FEEDBACK	HSIP	HSPL-5927101	\$26,000	6/10/2013	-	-
04924869L	Marin	Marin County	C&G, S	SRTS	SRTSL-5927061	(\$350,460)	5/1/2013	-	-
MRN050033	Marin	Marin County	Non-motorized Transp. Pilot Program - Marin County	NMTP	NMTPL-5927051	\$60,000	4/30/2013	60,000	-
MRN050033	Marin	Marin County	Non-motorized Transp. Pilot Program - Marin County	NMTP	NMTPL-5927058	\$412,000	8/12/2013	525,085	-
MRN050033	Marin	Marin County	HWY, PATHWAY CONNECTOR	NMTP	NMTPL-5927092	\$113,085	9/18/2013	-	-
MRN110016	Marin	Marin County	160 SAN PEDRO ROAD TO VENETIA VALLEY SCHOOL, C G AND SIDEWALK, DRAINAGE WORK AND ADA COMPLIANT.	CMAQ	CML-5927089	(\$43,761)	5/16/2013	-	-
MRN110033	Marin	Marin County	ON MILLER CREEK ROAD IN MARIN COUNTY, ADD 2 CL 2 BIKE LANES TO ENHANCE SAFETY (TC)	RIP-TE	RPSTPL-5927096	\$45,000	3/22/2013	-	-
MRN110035	Marin	Marin County	Mountain View Rd Bridge Replacement - 27C0154	BRIDGE	BRLO-5927094	\$328,000	3/22/2013	328,000	-
MRN130002	Marin	Marin County	Muir Woods Road MP 20.70 Slide Repair	ER	ER-20D0006	\$515,200	2/20/2013	515,200	-
MRN130003	Marin	Marin County	Muir Woods Road MP 0.49 Slide Repair	ER	ER-20D0003	\$400,000	2/1/2013	400,000	-
MRN090020	Marin	Metropolitan Transportation Commission (MTC)	Regional Planning Activities and PPM - Marin	STP	STPL-6084175	\$418,000	3/22/2013	418,000	-
MRN110036	Marin	Novato	HSIP5-04-010 Olive Avenue Improvements	HSIP	HSPL-5361025	\$125,200	8/15/2013	125,200	-
0413000276L	Marin	Ross	WINSHIP AVE BRIDGE OVER SAN ANSELMO CREEK IN THE TOWN OF ROSS, BRIDGE REPLACEMENT	STP	BRLS-5176008	\$580,491	4/17/2013	-	-
MRN110013	Marin	Ross	Sir Francis Drake Blvd at Lagunitas Rd Intersection Improvements	HSIP	HSPL-5176006	\$388,900	6/19/2013	388,900	-
MRN110025	Marin	Ross	LAGUNITAS ROAD AT CORTE MADRERA CREEK, BRIDGE REPLACEMENT	BRIDGE	BRLS-5176003	\$25,029	9/18/2013	-	-
0412000653L	Marin	San Anselmo	NOKOMIS AVE BRIDGE OVER SAN ANSELMO CR IN THE TOWN OF SAN ANSELMO, BRIDGE REPLACEMENT (TC)	BRIDGE	BRLO-5159017	\$670,000	4/12/2013	-	-
0412000654L	Marin	San Anselmo	MADRONE AVE BRIDGE OVER SAN ANSELMO CREEK, BRIDGE REPLACEMENT	STP	BRLS-5159018	\$587,839	4/2/2013	-	-
MRN070010	Marin	San Anselmo	Sir Francis Drake Blvd. AT SAUNDERS & MADRONE, INSTALL SIGNALS & LIGHTS	NMTP	NMTPL-5159012	(\$103,596)	12/31/2012	-	-
MRN110031	Marin	San Anselmo	San Anselmo School Route Improvements	SRTS	SRTSLN-5159020	\$122,800	10/30/2012	-	-
MRN110032	Marin	San Anselmo	San Anselmo - Center Blvd Bridge Replace (27C0079)	NHPP	BRLS-5159019	\$123,942	6/7/2013	123,942	-
MRN070009	Marin	San Rafael	MEDWAY-FRANCISCO E. AND CANAL STREET, BEAUTIFY ST. S.W. PLANT TREES ETC.	CMAQ	STPLER-5043019	(\$1,911)	12/28/2012	-	-
MRN070009	Marin	San Rafael	MEDWAY-FRANCISCO E. AND CANAL STREET, BEAUTIFY ST. S.W. PLANT TREES ETC.	NMTP	STPLER-5043019	(\$8,983)	12/28/2012	-	-
MRN070009	Marin	San Rafael	MEDWAY-FRANCISCO E. AND CANAL STREET, BEAUTIFY ST. S.W. PLANT TREES ETC.	STP	STPLER-5043019	(\$15,730)	12/28/2012	-	-
MRN090027	Marin	San Rafael	1) NOVA ALBION WY: LAS GALLINAS AVE - NORTHSIDE, REHABILITATION	ARRA	ESPL-5043030	(\$1,000)	1/4/2013	-	-
MRN070012	Marin	Sausalito	Sausalito - Non-motorized Transp. Pilot Program	NMTP	NMTPL-5098011	\$124,000	4/30/2013	124,000	-
0400001248S	Marin	State-Managed	IN MARIN COUNTY ON ROUTE 101 NEAR CORTE MADRERA, REPLACE EXISTING FILL WITH LIGHTWEIGHT FILL (TC)	NHPP	NH-Q101203	\$344,718	7/9/2013	-	-
04061E041S	Marin	State-Managed	MARIN CO. NON INTERSTATE VAR. LOCATIONS, EMERGENCY REPAIR STORM DAMAGE	ER	ACSTP-4330001	(\$78,079.435)	6/20/2013	-	-
0412000245L	Marin	State-Managed	CY OF DEBRIS	ER	ER-20D0005	(\$1)	6/20/2013	-	-
041E3004S	Marin	State-Managed	SF & MARIN CO. RTE 101 @ VARIOUS LOCATIONS, REPLACE JOINT SEALS/SEAL BRIDGE (TC)	BRIDGE	BRNH-Q101158	\$295,480	8/15/2013	-	-

TABLE 1: FHWA LOCALLY AND STATE-MANAGED PROJECTS OBLIGATIONS, FFY 2012-13

TIP ID/ EA	County	Agency	Project Name	Fund Source	Federal Project ID	Obligation Amount	Obligation Date	FY13 Program Amt	Future Funding
042261445	Marin	State-Managed	SAN RAFAEL-COLEMAN PED OC TO SAN PEDRO RD UC, CONST HOV LANE AND BICYCLE TRAIL	RIP-TE	STPE-Q101127	\$1,377,166	4/11/2013	-	-
0422614451	Marin	State-Managed	IN MARIN CO IN SAN RAFAEL FROM 0.8 KM S. OF CONST HOV LANE AND BICYCLE TRAIL MILL VALLEY S/B OFF-RAMP TO EAST BLITHEDALE, WIDEN OFF-RAMP/CONSTRUCT SOUND	ARRA	SARRAL-Q101155	\$1,615,296	9/25/2013	-	-
042937145	Marin	State-Managed	NEAR BOLINAS @ 0.2 MI N/O OLEMA-BOLINAS RD, INSTALL RSP AND REPLACE CULVERT	NHPP	NH-Q101122	\$460,781	7/9/2013	-	-
043556345	Marin	State-Managed	ROUTE 131 AND ROUTE 101 , REPAIR SUIPOUT	ER	ER-43G9004	(\$1,893)	7/2/2013	-	-
043559045	Marin	State-Managed	ROUTE 131 AND ROUTE 101 , REPAIR SUIPOUT	ER	ER-43F1004	(\$50,237)	4/30/2013	-	-
MRN990001 N/A	Marin	State-Managed	IN LARKSPUR, CORTE MADERA & SAN RAFAEL, NORTHBOUND & SOUTHBOUND HOV LA SR-1 S/O STUNSON BEACH N/O MUIR WOODS RD, REPAIR SLIDE	NHS	NH-Q101057	\$1,293,708	2/27/2013	-	-
REC090058 VAR110005	Marin	State-Managed	MARIN CO RTE 1 FROM PM 31.2 TO 46.0, BONDED WEARING COURSE OVERLAY (TC)	NHS	STP-P001547	(\$1,304,011)	12/21/2012	-	-
MRN050014	Marin	State-Managed	NEAR POINT REYES STATION AT PETALUMA ROAD, RECONSTRUCT SLOPE (TC)	STP	STP-P001580	\$1,418,870	7/26/2013	-	-
MRN050014	Marin	Transportation Authority of Marin (TAM)	Central Marin Ferry Access Improvements	CMAQ	CML-6406010	\$1,500,000	8/9/2013	1,500,000	-
MRN050014	Marin	Transportation Authority of Marin (TAM)	Central Marin Ferry Access Improvements	NMTP	CML-6406010	\$3,200,000	8/9/2013	3,200,000	-
NAP070002	Napa	American Canyon	WETLAND EDGE BAY TRAIL IMP. PHASE II, ROADWAY 7 TRAIL CONSTRUCTION	HPP	HPLUL-5470006	(\$106,433)	12/20/2012	-	-
NAP090007	Napa	American Canyon	NAPA JUNCTION ROAD FROM SR29 TO NAPA JUNCTION ELEMENTARY SCHOOL, PEDESTRIAN IMPROVEMENT	STP	RPS1PLE-5470008	\$221,000	5/29/2013	-	-
041300375L 042243430L	Napa	Callistoga	BERRY ST. OVER NAPA RIVER, NEAR WASHINGTON ST., BRIDGE REPLACEMENT (TC)	BRIDGE	BRLO-5061007	\$319,000	5/28/2013	-	-
04924577L	Napa	Napa	SEMINARY ST. BRIDGE OVER NAPA CREEK, BRIDGE RAIL REPLACEMENT	STP	STPLX-5042026	(\$123,535)	10/25/2012	-	-
04924577L	Napa	Napa	FIRST STREET BRIDGE OVER NAPA CREEK 21C-0095, SALMON SURVEY/MONITORING	BRIDGE	BRLO-5042046	(\$38)	6/7/2013	-	-
04928168L	Napa	Napa	FIRST ST BRIDGE @ NAPA CRK (R # 21C-0095), BRIDGE REPLACEMENT	STP	BRLO-5042012	\$1,220,792	4/10/2013	-	-
NAP110020	Napa	Napa City	Trancas Street Bridge Scour Repair	NHPP	BHLS-5042042	\$192,110	11/19/2012	-	-
NAP110009	Napa	Napa County	SILVERADO TRAIL FROM ZINFANDEL LANE TO SKELLENGER LANE, PAVEMENT REHABILITATION	STP	STPL-5921023	(\$23,040)	8/22/2013	-	-
NAP110016	Napa	Napa County	Wooden Valley Road HR3 Safety	HSIP/ HRRR	HRRRL-5921055	\$233,730	4/17/2013	233,730	-
NAP110017	Napa	Napa County	North Kelly Road HR3 Safety	HSIP/ HRRR	HRRRL-5921056	\$21,780	3/26/2013	21,780	-
NAP110018	Napa	Napa County	Deer Park Road HSIP Safety	HSIP	HSIPL-5921057	\$17,370	3/26/2013	17,370	-
NAP110019	Napa	Napa County	OLD SONOMA RD, SOUTH KELLY RD & OAK KNOLL AVE, PAVEMENT REHABILITATION	STP	STPL-5921054	(\$17,351)	9/25/2013	-	-
NAP110014	Napa	Napa County Transportation Planning Agency	NCTPA NAPA VALLEY VINE TRAIL, BIKE PATH	TCSP	CML-6429008	\$800,000	7/25/2013	-	-
04000011995	Napa	State-Managed	NEAR THE CITY OF CALISTOGA - 1.4 MILES TO 1.9 MILES NORTH OF TUBBS LANE, SLOPE STABILIZATION (TC)	STP	STP-P029110	\$2,292,618	9/27/2013	-	-
04000012005	Napa	State-Managed	NEAR LAKE HENNESSEY FROM 2.8 MILES TO 3.0 MILES EAST OF SILVERADO, REPLACE ROADWAY SECTION AND UPGRADE DRAINAGE (TC)	STP	STP-S128051	(\$141,106)	9/27/2013	-	-
04259402/95	Napa	State-Managed	IN NAPA COUNTY ON STATE ROUTE 29 FROM MEE LANE TO N. OF CHARTER OAK LANE, ROADWAY REHABILITATION (TC)	HSIP	STPH-P029107	\$2,082,000	9/27/2013	-	-
042537045	Napa	State-Managed	NAPA CO ON ROUTE 128 2.0 MI E OF CONN CRK BR, REPAIR SUIPOUT	ER	ER-3784004	(\$87,439)	1/18/2013	-	-
044442145	Napa	State-Managed	0.5 KM N/O SONOMA CO LINE TO .09 EO DUHIG RD, WIDEN SHOULDER/ADD 2 LFT TURN	HSIP	HSSTP-P121022	\$3,025,002	3/27/2013	-	-
044C35045	Napa	State-Managed	IN NAPA COUNTY ON STATE ROUTE 128 FROM TUBBS LANE TO HIGH STREET, GRIND AND REPLACE AC (TC)	STP	STP-P128046	(\$246,859)	4/30/2013	-	-
VAR110044	Napa	State-Managed	ABOUT 2 MILES SOUTH OF JUNCTION SR 128 AT CAPELL CREEK BRIDGE #21-0009, REPLACE BRIDGE (TC)	BRIDGE	BRSTP-P121025	\$3,450,000	7/10/2013	-	-
NAP090006	Napa	Yountville	NORTH YOUNTVILLE BIKE ROUTE AND SIDEWALK EXTENSION, CROSSWALK IMPROVEMENTS, BIKE LANES & SIGNAGE (TC)	RIP-TE	RPS1PLE-5395002	\$84,989	5/16/2013	-	-

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TIP ID/ EA	County	Agency	Project Name	Fund Source	Federal Project ID	Obligation Amount	Obligation Date	FY13 Program Amt	Future Funding
MTCS900015	Regional	Bay Area Air Quality Management District (BAAQMD)	Spare the Air Program	CMAQ	CML-6297003	\$700,000	4/9/2013	700,000	-
REG110010	Regional	Bay Area Air Quality Management District (BAAQMD)	Regional Bicycle Sharing Pilot	CMAQ	CML-6297006	\$2,800,000	8/16/2013	2,800,000	-
REG090003	Regional	Metropolitan Transportation Commission (MTC)	Freeway Performance Initiative (FPI) (TC)	STP	STPL-6084180	\$4,000,000	3/28/2013	4,000,000	-
REG090003	Regional	Metropolitan Transportation Commission (MTC)	Freeway Performance Initiative (FPI)	STP	STPCM-6160018	\$2,000,000	5/28/2013	2,000,000	-
REG090003	Regional	Metropolitan Transportation Commission (MTC)	Freeway Performance Initiative (FPI)	CMAQ	CML-6204109	\$656,000	9/13/2013	656,000	-
REG090003	Regional	Metropolitan Transportation Commission (MTC)	Freeway Performance Initiative (FPI)	CMAQ	CML-6204110	\$5,617,000	8/11/2013	3,200,000	-
REG090045	Regional	Metropolitan Transportation Commission (MTC)	Clipper Fare Collection System	STP	STPCM-6084177	\$12,300,000	12/6/2012	12,300,000	-
REG090045	Regional	Metropolitan Transportation Commission (MTC)	Clipper Fare Collection System	STP	STPCM-6084177	\$9,994,633	4/8/2013	9,994,633	-
REG090046	Regional	Metropolitan Transportation Commission (MTC)	Regional Arterial Operations & Signal Timing Prog	CMAQ	CML-6084160	\$2,000,000	7/26/2013	2,000,000	-
REG110029	Regional	Metropolitan Transportation Commission (MTC)	Parking Pricing Regional Analysis (VPP)	VPP	VPPL-6084182	\$560,000	8/15/2013	560,000	-
REG110015	Regional	Sonoma County Transportation Authority (SCTA)	Regional Dynamic Ridesharing Pilot (TC)	CMAQ	CML-6364010	\$875,000	8/9/2013	875,000	-
SF-110025	San Francisco	Caltrain	Bridge No. 34C0049, Paul Ave Over Caltrain RR	STP	BRLO-6170022	\$3,609,191	9/20/2013	3,457,097	-
SF-110027	San Francisco	Caltrain	Bridge No. 34C0073, 23rd St Over Caltrain RR (TC)	BRIDGE	BRLO-6170021	\$5,406,152	9/20/2013	5,720,000	-
04923164L	San Francisco	Golden Gate Bridge, Highway and Transit District	GOLDEN GATE BRIDGE - SEISMIC RETROFIT PHASE II	BRIDGE	RPSTPL-6003010	(\$12,948)	6/25/2013	-	-
SF-090030	San Francisco	Metropolitan Transportation Commission (MTC)	Regional Planning Activities and PPM - SF County	STP	STPL-6084175	\$773,000	3/22/2013	773,000	-
04073804L	San Francisco	San Francisco County	VARIOUS LOCATION IN SF COUNTY, CLASS III BICYCLE-PAVEMENT MAR	STP	RPSTPL-5934123	(\$157,310)	4/17/2013	-	-
04924552L	San Francisco	San Francisco County	LOWER POLK STREET IMPROVEMENTS, STREETSCAPE IMPROVEMENTS	HPP	HPLUL-5934132	(\$17,023)	10/21/2012	-	-
SF-050041	San Francisco	San Francisco County	SOUTH OF MARKET, VARIOUS STREET, REHABILITATION	STP	STPL-5934139	(\$782,072)	10/21/2012	-	-
SF-070031	San Francisco	San Francisco County	VALENCIA STREET FROM 15TH TO 19TH STREETS, STREET IMPROVEMENTS PROGRAM	HPP	HPLUL-5934133	(\$14,115)	4/17/2013	-	-
SF-070031	San Francisco	San Francisco County	VALENCIA STREET FROM 15TH TO 19TH STREETS, STREET IMPROVEMENTS PROGRAM	STP	HPLUL-5934133	(\$123,653)	4/17/2013	-	-
SF-090047	San Francisco	San Francisco County	EUCALIDE AVE AND BUSH STREET, SEE SCOMMIT, PAVEMENT RENOVATION	ARRA	ESPL-5934152	(\$171,231)	7/18/2013	-	-
SF-090053	San Francisco	San Francisco County	INTERSECTIONS AT: 1) CLEMENT ST/5TH AVE; 2) CLEMENT ST/8TH AVE; 3) ANZA ST/ALMAD, CURB RAMP, SIDEWALK, C&G AND PARKING STRIP RECON	ARRA	ESPL-5934157	(\$46,826)	10/15/2012	-	-
SF-110008	San Francisco	San Francisco County	SECOND STREET FROM MARKET STREET TO KING STREET, STREET, SIDEWALK, SIGNALS IMPROVEMENTS	STP	STPL-5934164	(\$127,200)	1/2/2013	-	-
SF-110028	San Francisco	San Francisco County	LINCOLN WY AT SUNSET BL IN SAN FRANCISCO, BRIDGE PREVENTIVE MAINTENANCE	BRIDGE	BPMP-5934143	(\$155,348)	12/6/2012	-	-
SF-110028	San Francisco	San Francisco County	BRIDGES ON FILLMORE ST, HARRISON ST, SIDEHILL VIADUCT ON BRYANT ST, BRIDGE PREVENTIVE MAINTENANCE	BRIDGE	BPMP-5934144	(\$31,964)	1/2/2013	-	-
SF-110028	San Francisco	San Francisco County	MARKET ST SIDEHILL VIADUCT PROJECTS, (SF), BRIDGE PREVENTIVE MAINTENANCE	BRIDGE	BPMP-5934145	(\$116,741)	4/22/2013	-	-
VAR110045	San Francisco	San Francisco County	THIRD STREET OVER ISLAIS CREEK 34C0024, BRIDGE REHAB	NHPP	BHLO-5934168	\$3,010,020	8/30/2013	-	-
SF-070027	San Francisco	San Francisco County Transport Authority (SCTA)	YERBA BUENA ISLAND EASTSIDE WESTBOUND ON & OFF RAMP, RECONST EXISTING WB ON & OFF RAMP ON EAST OF YBI	BRIDGE	BRLS-6272023	(\$142,419)	9/25/2013	-	-
SF-070027	San Francisco	San Francisco County Transport Authority (SCTA)	Yerba Buena Island (YBI) Ramp Improvements	NHPP	BRLS-6272023	\$2,422,067	7/30/2013	663,975	-
SF-070027	San Francisco	San Francisco County Transport Authority (SCTA)	Yerba Buena Island (YBI) Ramp Improvements	NHPP	BRLS-6272023	\$19,336,025	8/16/2013	-	20,000,000

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TIP ID/ EA	County	Agency	Project Name	Fund Source	Federal Project ID	Obligation Amount	Obligation Date	FY13 Program Amt	Future Funding
SF-070027	San Francisco	San Francisco County Transport Authority (SFCTA)	Yerba Buena Island (YBI) Ramp Improvements	BRIDGE	STPLZ-6272024	\$24,613	3/27/2013	24,613	-
SF-070027	San Francisco	San Francisco County Transport Authority (SFCTA)	Yerba Buena Island (YBI) Ramp Improvements	NHPP	STPLZ-6272026	\$1,533,279	4/11/2013	486,915	-
SF-070027	San Francisco	San Francisco County Transport Authority (SFCTA)	Yerba Buena Island (YBI) Ramp Improvements	NHPP	STPLZ-6272027	\$844,180	4/11/2013	265,590	-
SF-070027	San Francisco	San Francisco County Transport Authority (SFCTA)	Yerba Buena Island (YBI) Ramp Improvements	BRIDGE	STPLZ-6272028	\$107,122	3/28/2013	107,122	-
SF-070027	San Francisco	San Francisco County Transport Authority (SFCTA)	Yerba Buena Island (YBI) Ramp Improvements	BRIDGE	STPLZ-6272029	\$159,356	3/28/2013	159,356	-
SF-070027	San Francisco	San Francisco County Transport Authority (SFCTA)	Yerba Buena Island (YBI) Ramp Improvements	BRIDGE	STPLZ-6272030	\$26,561	3/28/2013	26,561	-
SF-070027	San Francisco	San Francisco County Transport Authority (SFCTA)	Yerba Buena Island (YBI) Ramp Improvements	BRIDGE	STPLZ-6272031	\$26,307	3/28/2013	26,307	-
SF-070027	San Francisco	San Francisco County Transport Authority (SFCTA)	Yerba Buena Island (YBI) Ramp Improvements	BRIDGE	STPLZ-6272032	\$25,320	3/28/2013	25,320	-
SF-110049	San Francisco	San Francisco County Transport Authority (SFCTA)	Treasure Island Congestion Pricing Program	VPP	VPPL-6272041	\$480,000	8/15/2013	-	480,000
SF-010004	San Francisco	San Francisco Dept of Public Works (SFDPW)	4th St Bridge Seismic Retrofit & Rehab	NHPP	STPLZ-5934080	\$11,879,995	8/20/2013	12,132,381	-
SF-110012	San Francisco	San Francisco Dept of Public Works (SFDPW)	South of Market Alleways Improvements, Phase 2	CMAQ	CML-5934169	\$1,381,000	7/18/2013	1,381,000	-
SF-110046	San Francisco	San Francisco Dept of Public Works (SFDPW)	SF- Sloat Blvd. Pedestrian Safety Improvements	HSIP	HSPL-5934167	\$136,800	4/17/2013	136,800	-
SF-110046	San Francisco	San Francisco Dept of Public Works (SFDPW)	SF- Sloat Blvd. Pedestrian Safety Improvements	HSIP	HSPL-5934170	\$301,000	7/18/2013	-	660,200
SF-070040	San Francisco	San Francisco Municipal Transport Agency (SFMTA)	SF Downtown Parking Pricing	VPP	VPPL-6328065	\$420,000	8/15/2013	420,000	-
SF-110017	San Francisco	San Francisco Municipal Transport Agency (SFMTA)	Fulton Curb Ramps	HSIP	HSPL-6328026	\$142,200	3/22/2013	228,269	-
SF-110018	San Francisco	San Francisco Municipal Transport Agency (SFMTA)	Paul Ave and Bayshore Blvd. Signal Upgrade	HSIP	HSPL-6328031	\$24,129	7/26/2013	-	-
SF-110019	San Francisco	San Francisco Municipal Transport Agency (SFMTA)	Chinatown Safe Routes to School	SRTS	SRTSL-6328019	\$385,860	11/30/2012	686,390	-
SF-110020	San Francisco	San Francisco Municipal Transport Agency (SFMTA)	Jefferson Elementary Safe Routes to School	SRTS	SRTSL-6328020	\$467,000	8/30/2013	486,200	-
SF-110021	San Francisco	San Francisco Municipal Transport Agency (SFMTA)	T-Line Light Rail Corridor Signals	HSIP	HSPL-6328041	\$888,840	8/15/2013	888,840	-
SF-110022	San Francisco	San Francisco Municipal Transport Agency (SFMTA)	Sunset Blvd. Signals at Kirkham, Santiago, Ulloa	HSIP	HSPL-6328039	\$625,500	11/19/2012	625,500	-
SF-110022	San Francisco	San Francisco Municipal Transport Agency (SFMTA)	Sunset Blvd. Signals at Kirkham, Santiago, Ulloa	HSIP	HSPL-6328039	\$75,418	9/12/2013	130,050	-
SF-110029	San Francisco	San Francisco Municipal Transport Agency (SFMTA)	Sunset and AP Giannini SR2S Improvements	CMAQ	CML-6328052	\$481,242	3/28/2013	579,000	-
SF-110047	San Francisco	San Francisco Municipal Transport Agency (SFMTA)	Local PDA Planning - San Francisco	STP	STPL-6328063	\$2,380,000	8/22/2013	2,380,000	-
REG110017	San Francisco	San Francisco Municipal Transport Agency (SFMTA) (DPT)	IN SAN FRANCISCO AND SAN JOSE: E-VEHICLE AND BATTERY EXCHANGE STATIONS	CMAQ	CML-6328043	(\$820,000)	6/7/2013	-	-
SF-070033	San Francisco	San Francisco Municipal Transport Agency (SFMTA) (DPT)	SAN FRANCISCO INNER SUNSET AREA, TRAFFIC CALMING MEASURES	ABRA	ESPL-6328030	(\$33,231)	5/10/2013	-	-
SF-070034	San Francisco	San Francisco Municipal Transport Agency (SFMTA) (DPT)	TENDERLOIN/UN PLAZA/CIVIC CENTER IN SF: PEDESTRIAN ACCESS IMPROVEMENT	CMAQ	CML-6328017	(\$278,068)	10/25/2012	-	-

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SF-070035	San Francisco	San Francisco Municipal Transport Agency (SFMTA) (DPT)	GOLDEN GATE PARK IN SAN FRANCISCO, PEDESTRIAN ACCESS IMPROVEMENT	CMAQ	CML-6328018	(\$63,068)	6/19/2013	-	-
SF-110039	San Francisco	San Francisco Municipal Transport Agency (SFMTA) (DPT)	IN CITY AND COUNTY OF SAN FRANCISCO, EDUCATION AND OUTREACH CAMPAIGN; EVALUATION (TC)	RIP-TE	RPSTPL-6328060	\$851,000	7/26/2013	-	-
040683045	San Francisco	State-Managed	ISAN FRANCISCO CO ON I-80 AT PM 8.5, REPAIR CRACKED EYE BAR (TC)	IM	IM-0801110	(\$2,533,403)	2/22/2013	-	-
041625245	San Francisco	State-Managed	JUNIPERO SERRA BLVD TO CALIFORNIA STREET, MODIFY TRAFFIC SIGNALS	EQUITY BONUS	STPG-P001537	(\$2,185,085)	4/16/2013	-	-
041637445	San Francisco	State-Managed	SF ON RTE 101 FROM PM 8.8-9.2, DOYLE DR REPL, REPLACE/REHABILITATE ROADWAY	ARRA	SARRA-Q101153	\$8,434,167	9/27/2013	-	-
041A50045	San Francisco	State-Managed	SM/SF VARIOUS ROUTES AND VARIOUS LOCATIONS, UPGRADE EXISTING ATTENUATORS	EQUITY BONUS	HSNHG-000C308	(\$77,380)	3/4/2013	-	-
044568045	San Francisco	State-Managed	SAN FRANCISCO CO ON I-80 AT PM 8.5, REHAB EYEBEAM CONNECTOR ON MAI (TC)	IM	BRIM-0801109	(\$2,776,892)	1/9/2013	-	-
04924841L	San Francisco	State-Managed	GREAT HIGHWAY FROM SLOAT TO SKYLINE, RESTORATION	ER	ER-4802001	\$76,183	2/20/2013	-	-
SF-991030	San Francisco	State-Managed	IN SAN FRANCISCO ROUTE 101 POSTMILE 8.3 TO 9.8, PRESIDIO PKWY-PHASE II CONCESSIONAIRE PMTS P3 (TC)	NHPP	ACNH-NH-X075041	\$8,000,000	9/27/2013	-	-
VAR110042	San Francisco	State-Managed	SAN FRANCISCO AND SANTA CLARA COUNTIES ON VARIOUS ROUTES AND VARIOUS LOCATIONS, CONSTRUCT ADA CURB RAMPS (TC)	EQUITY BONUS	ACSTP-000C363	\$67,894	9/12/2013	-	-
VAR110044	San Francisco	State-Managed	IN SAN FRANCISCO AT SOUTHERN FREEWAY VIADUCT BRIDGE #34-0046, REHABILITATE BRIDGE DECK (TC)	NHPP	NHPL-2801136	\$8,734,097	8/23/2013	-	-
04923418L	San Mateo	Brisbane	TUNNEL AVENUE BR (BR. NO. 35C-0124), BRIDGE REPLACEMENT	BRIDGE	BRLZ-5376001	(\$203,168)	5/16/2013	-	-
SM-110047	San Mateo	Caltrans	SR 92 AND EL CAMINO REAL (SR82), UPGRADE INTERCHANGE	HPP	HP21L-6204106	\$966,800	9/27/2013	-	-
SM-110017	San Mateo	Daly City	JUNIPERO SERRA, HOFFMAN, SAN PEDRO, AC OVERLAY	STP	STPL-5196035	(\$25,705)	12/13/2012	-	-
SM-110032	San Mateo	Daly City	GELLART BETWEEN SERRAMONTE AND KING, BIKE LANE	HSIP	HSIP-5196034	(\$24,043)	11/7/2012	-	-
SM-110048	San Mateo	Daly City	Hickey Blvd/Collan Blvd Signal Modifications	HSIP	HSIPL-5196037	\$218,700	12/13/2012	-	218,700
SM-110099	San Mateo	Daly City	VARIOUS LOCATION AROUND DALY CITY, INSTALL ACCESS RAMP AND NEW SIDEWALKS	CMAQ	CML-5196036	(\$17,479)	6/11/2013	-	-
SM-070004	San Mateo	East Palo Alto	Bay Rd Bicycle/Ped Improvements Phase II & III	HPP	HPLUL-5438011	\$495,000	10/23/2012	495,000	-
SM-110050	San Mateo	Menlo Park	Menlo Park Oak Grove Ave./Merrill St.	HSIP	HSIPL-5273022	\$44,550	9/9/2013	-	44,550
SM-110072	San Mateo	Menlo Park	RINGWOOD AVE. BAY RD. COLEMAN AVE. PEDESTRIAN IMPROVEMENTS	SRTS	SRTSL-5237019	(\$33,302)	12/17/2012	-	-
SM-050052	San Mateo	Pacific	SR1 San Pedro Creek Bridge Replacement	HPP	HP21L-5350017	\$120,000	7/26/2013	-	-
SM-070027	San Mateo	Pacific	SAN PEDRO TERRACE FR HWY 1 TO HIGGINS WAY, INSTALL MULTI-PURPOSE TRAIL	CMAQ	CML-5350015	(\$268)	12/17/2012	120,000	-
SM-110025	San Mateo	Redwood City	Bair Island Bay Trail Facility and Improvements	CMAQ	CML-5029023	\$4,952	10/23/2012	-	-
SM-110025	San Mateo	Redwood City	Shoreway Road, Skyway Road, Airport Way, Bike Lanes, Signage, Bike Lane Improvements	CMAQ	CML-5029023	\$32,048	6/19/2013	-	-
SM-110026	San Mateo	Redwood City	SHOREWAY ROAD, SKYWAY ROAD, AIRPORT WAY, BIKE LANES, SIGNAGE, BIKE LANE IMPROVEMENTS	CMAQ	CML-5029028	(\$5,426)	9/18/2013	-	-
SM-110012	San Mateo	San Bruno	SAN BRUNO AND HUNTINGTON AVE, ADA, LANDSCAPE MEDIAN, CROSSWALK	CMAQ	CML-5226018	(\$8,454)	5/14/2013	-	-
SM-110071	San Mateo	San Carlos	Arundel Safe Routes to School	SRTS	SRTSL-5267018	\$294,833	5/17/2013	-	294,833
04925256L	San Mateo	San Francisco International Airport	SAN FRANCISCO INTERNATIONAL AIRPORT, SEISMIC RETROFIT	BRIDGE	BRLSZD-6097009	(\$4,025,198)	12/17/2012	-	-
SF-070017	San Mateo	San Francisco International Airport	SAN FRANCISCO INTERNATIONAL AIRPORT, INSTALL CLEAN AIR DEVICES ON B	CMAQ	CML-6097008	(\$267,637)	12/13/2012	-	-
SM-110039	San Mateo	San Francisco International Airport	UPPER LEVEL VIADUCT (BR NO 35C-0133), BRIDGE RAIL REPLACEMENT	STP	STPLZ-6097004	(\$3,301,726)	12/13/2012	-	-
SM-110022	San Mateo	San Mateo CCAG	San Mateo County SR25 Program	CMAQ	STPCML-6419020	\$1,533,000	6/14/2013	1,533,000	-
SM-110022	San Mateo	San Mateo CCAG	San Mateo County SR25 Program	STP	STPCML-6419020	\$377,000	6/14/2013	372,000	-
SM-110047	San Mateo	San Mateo City	SR 92 AND EL CAMINO REAL (SR82), UPGRADE INTERCHANGE	HPP	HP21L-5102040	(\$486,801)	7/17/2013	-	-
SM-110064	San Mateo	San Mateo City	North Central Pedestrian Improvement Program	CMAQ	CML-5102042	\$68,000	6/19/2013	-	68,000
SM-070028	San Mateo	San Mateo County	MIRADA SURF BIKE/PED TRAIL, BIKE/PED CLASS 1 TRAIL	CMAQ	CML-5935044	(\$17,571)	6/17/2013	-	-
SM-110020	San Mateo	San Mateo County	CANADA, MIDDLEFIELD, SEMICIRCULAR, ALPINE, EDGEWOOD, CRESTVIEW, AC OVERLAY	STP	STPL-5935058	(\$149,187)	6/25/2013	-	-
SM-050051	San Mateo	San Mateo County Transit District (SAMTRANS)	SR 82 - El Camino Real Grand Boulevard Initiative	HPP	HPLUL-6014005	\$178,150	9/3/2013	-	178,150

TABLE 1: FHWA LOCALLY AND STATE-MANAGED PROJECTS OBLIGATIONS, FFY 2012-13

TIP ID/ EA	County	Agency	Project Name	Fund Source	Federal Project ID	Obligation Amount	Obligation Date	FY13 Program Amt	Future Funding
SM-110023	San Mateo	South San Francisco	GRAND OYSTER POINT, HILLSIDE, GELLERT, RAILROAD, OAKMOUNT, ET AL, BIKE LANE INSTALLATION	CMAQ	CML-5177027	(\$61,147)	8/1/2013	-	-
SM-110033	San Mateo	South San Francisco	SISTER CITIES BOULEVARD, INSTALL METAL BEAM GUARD RAIL 0.5 MILES	HSIP	CML-5177024	(\$10,835)	3/22/2013	-	-
SM-110037	San Mateo	South San Francisco	Bridge No. PM00049 Bridge Preventive Maintenance	BRIDGE	BPMP-5177026	\$100,224	8/20/2013	-	-
SM-110037	San Mateo	South San Francisco	Bridge No. PM00049 Bridge Preventive Maintenance	STP	BPMP-5177026	\$270,858	5/29/2013	-	-
SM-110038	San Mateo	South San Francisco	Bridge No. 35C0044, S AIRPORT BLVD OVER SAN BRUNO	STP	BRLS-5177030	\$360,760	12/13/2012	360,760	-
SM-110066	San Mateo	South San Francisco	Evergreen Dr/Mission Rd Traffic Signal	HSIP	HSIP-5177031	\$68,000	7/23/2013	68,000	-
0013000075L	San Mateo	State-Managed	CALTRAIN RAIL CORRIDOR-SAN FRANCISCO, SAN JOSE & SANTA CLARA CITIES AND COUNTIES, GRADE CROSSING IMPROVEMENT PLAN	HSR	HSR-7500204	\$385,600	9/19/2013	-	-
0013000077L	San Mateo	State-Managed	CALTRAIN RAIL CORRIDOR-SAN FRANCISCO, SAN JOSE & SANTA CLARA CITIES AND COUNTIES, SUPPLEMENTAL WAYSIDE INTERFACE INSTALLATION	HSR	HSR-7500205	\$2,826,640	3/29/2013	-	-
0400000843S	San Mateo	State-Managed	IN SAN MATEO COUNTY ON US - 101, FROM CITY OF SAN CARLOS, DESIGN BUILD RAMP METERING SYSTEM (TC)	NHS	NH-Q101202	\$2,653,017	9/25/2013	-	-
0400020505S	San Mateo	State-Managed	IN SAN MATEO COUNTY ON ROUTES 101 AND 280 AT VARIOUS LOCATIONS, CONSTRUCT METAL BEAM GUARD RAIL	NHS	HSNHG-X081026	\$963,772	9/27/2013	-	-
0400020865S	San Mateo	State-Managed	STATE ROUTE 1 IN THE CITY OF HALF MOON BAY AT POPLAR STREET, INSTALL TRAFFIC SIGNAL	HSIP	HSSTPG-P001572	(\$85,753)	9/25/2013	-	-
04061P081S	San Mateo	State-Managed	SAN MATEO CO. NON INTERSTATE VAR. LOCATIONS: PRELIMINARY ENGINEERING	ER	ER-4362005	(\$232,933)	6/26/2013	-	-
040A8714S	San Mateo	State-Managed	SAN FRANCISCO AND SAN MATEO COUNTIES AT VARIOUS LOCATIONS, UPGRADE GUARDRAIL END TERMINALS	STP	HSSTPG-000C318	(\$602,010)	4/30/2013	-	-
040C9204S	San Mateo	State-Managed	SF FROM 0.7 KM N/O CANDLESTICK PARK TO RT 80, REPLACE PCC PAVEMENT - CAPM	NHS	NH-Q101124	(\$57,633)	12/13/2012	-	-
040C9604S	San Mateo	State-Managed	VAR LOC FR 280/92 SEP TO JUNIPERO SERRA BRIDG, GRIND/REPLACE PCC SLAB	IM	IM-2801111	\$886,277	4/11/2013	-	-
04112371S	San Mateo	State-Managed	SAN MATEO CNTY FROM 2ND ST TO LINDA MAR BLVD, CONSTRUCT 2 LANE TUNNEL W/ APP	ER	ER-1187006	\$26,429	9/27/2013	-	-
04112372/9S	San Mateo	State-Managed	SM CO. 1, IN PACIFICA, DEVIL'S SLIDE BYPASS, CONSTRUCT NEW BYPASS W/TUNNELS	ER	ER-1187007	\$1,130,676	5/29/2013	-	-
041123G4S1	San Mateo	State-Managed	SM CO MONTARA RT 1 2ND ST TO 2.1 KM N/O 2ND, WETLAND CREATION/RESTORATION	ER	ER-1187009	\$1,762,017	5/7/2013	-	-
041123J4S	San Mateo	State-Managed	NEAR PACIFIC PM 1.3-PM 0.8 S/O LINDA MAR BLVD, REVEGETATION	ER	ER-1187012	\$252,210	5/16/2013	-	-
041123K4S	San Mateo	State-Managed	SM CO NEAR PACIFIC ON RT 1 S/O LINDA MAR BLVD, BRIDGE CONSTRUCTION	ER	ER-1187010	\$9,797,934	7/30/2013	-	-
0412000293S	San Mateo	State-Managed	LA HONDA/SKY LONDA-IN/NEAR WOODSIDE ON SR 84-PESADERO RD TO 1 MI N/O FRIARS LN, RESURFACE EXISTING ROADWAY (TC)	STP	ACSTP-S084041	\$2,314,455	9/25/2013	-	-
0413000278S	San Mateo	State-Managed	SAN MATEO CO, NEAR SAN GREGORIO, A POMPONIO CREEK, EMERGENCY RELIEF - STORM DAMAGE REPAIR	ER	ER-21X0001	\$690,000	9/25/2013	-	-
0413000413S	San Mateo	State-Managed	SAN MATEO CO, NEAR PIGEON POINT, AT 0.3 MI N OF THE SANTA CRUZ CO LINE, EMERGENCY RELIEF - STORM DAMAGE REPAIR, WASHOUT	ER	ER-21X0001	\$55,774	8/5/2013	-	-
04131992/9S	San Mateo	State-Managed	SR 92 FM SR-35 TO I-280, R/W; SLOW VEHICLE LANE/SAFETY IMPROVEMENTS	STP	STP-P092024	(\$1,079)	4/30/2013	-	-
04153404S	San Mateo	State-Managed	SAN MATEO CO, I-280 FROM PM 20.3 TO 27.3, NEW TOS & RAMP METERING EQUIPMENT	ARRA	ARRAL-2801129	(\$714,001)	8/22/2013	-	-
04145004S	San Mateo	State-Managed	SM/SF VARIOUS ROUTES AND VARIOUS LOCATIONS, UPGRADE EXISTING ATTENUATORS	EQUITY BONUS	HSNHG-000C308	(\$959,396)	3/4/2013	-	-
041A7704S	San Mateo	State-Managed	IN SAN MATEO COUNTY NEAR BELMONT, AT BRIDGE #35-0245F AND BRIDGE #35-0244G, BRIDGE REPLACEMENT, SEISMIC RETROFIT (TC)	BRIDGE	BHIM-IM-2801133	\$1,392,809	9/17/2013	-	-
041A7704S	San Mateo	State-Managed	IN SAN MATEO COUNTY NEAR BELMONT, AT BRIDGE #35-0245F AND BRIDGE #35-0244G, BRIDGE REPLACEMENT, SEISMIC RETROFIT (TC)	IM	BHIM-IM-2801133	\$416,877	9/17/2013	-	-
04256204S	San Mateo	State-Managed	NEAR PACIFICA SOUTH OF LINDA MAR BLVD, SLIDE REPAIR	ER	ER-35M3004	\$232,257	1/17/2013	-	-
04358204S	San Mateo	State-Managed	IN SAN MATEO COUNTY NEAR LA HONDA AT 0.2 MILE EAST OF LA HONDA CREEK BRIDGE, STORM DAMAGE REPAIR	ER	ER-4312004	(\$333,986)	6/26/2013	-	-
04929115L	San Mateo	State-Managed	CRYSTAL SPRINGS DAM BR 35C-0043, BRIDGE REPLACEMENT	BRIDGE	BROS-0081011	(\$66,717)	10/12/2012	-	-
MITC050008	San Mateo	State-Managed	IN FOSTER CITY N/O OF RT 92 @ 3RD AVENUE, REQUIRED MITIGATION PLANTING	NHS	NH-P092035	\$690,284	7/18/2013	-	-
REG090058	San Mateo	State-Managed	SAN MATEO RTE92 FR 280/92 TO FOSTER CITY BLVD, COLD PLANE/PLACE RUBBERIZED ASPHALT (TC)	NHS	NH-P092038	(\$1,587,741)	6/26/2013	-	-

TABLE 1: FHWA LOCALLY AND STATE-MANAGED PROJECTS OBLIGATIONS, FFY 2012-13

TIP ID/ EA	County	Agency	Project Name	Fund Source	Federal Project ID	Obligation Amount	Obligation Date	FY13 Program Amt	Future Funding
REG090058	San Mateo	State-Managed	SAN MATEO RT 82 FR NORTH RD TO EL CERRITO AVE, PAVEMENT PRESERVATION (TC) ELEMENTS	NHS	STP-5082016	(\$593,508)	3/28/2013	-	-
SM-090023	San Mateo	State-Managed	SAN MATEO COUNTY - RTE 280 PM 0.0 TO 27.4, INSTALL TRAFFIC MONITORING	ARRA	SARRA-2801122	(\$108,537)	9/20/2013	-	-
SM-979013	San Mateo	State-Managed	SM CO NEAR PACIFIC ON RT 1 S/O LINDA MAR BLVD, CONSTRUCT TUNNELS, APPROACH ROAD	ER	ER-1187011	\$38,062,241	5/2/2013	-	-
VARI110005	San Mateo	State-Managed	SAN MATEO COUNTY NEAR SKY LONDA 2.6 MILES NORTH OF JUNCTION SR 35 AND 84, CONSTRUCT SOLDIER BEAM AND REPAIR SLOUT (TC)	STP	STP-5035008	\$1,158,232	7/26/2013	-	-
VARI110005	San Mateo	State-Managed	SAN MATEO CO IN SAN BRUNO ON RT 380, HIGHWAY PLANTING RESTORATION	STP	STP-X081023	(\$127,546)	10/12/2012	-	-
SM-110049	San Mateo	Woodside	Woodside School's Safety Improvement Project	HSP	HSPIL-5333015	\$158,000	6/19/2012	-	158,000
04074114L	Santa Clara	Caltrans	RTE 152 (PRUNEDALE AVE TO RTE 156), TRUCK PASSING LANE	EARMARK SEC 117	HP21L-6204062	(\$10,408)	3/13/2013	-	-
04174934L	Santa Clara	Caltrans	RTE 152 (PRUNEDALE AVE TO RTE 156), TRUCK PASSING LANE	TSCP	HP21L-6204061	(\$4)	3/13/2013	-	-
04174934L	Santa Clara	Caltrans	RTE 152 (PRUNEDALE AVE TO RTE 156), TRUCK PASSING LANE	URBAN ACCESS/MOBILITY	HP21L-6204061	(\$67)	3/13/2013	-	-
SCL090047	Santa Clara	Campbell	WINCHESTER BLVD (LATIMER AVE- BUDD AVE), MEDIAN, BULB OUTS, ST LIGHTS, TRAF SIGNAL	RIP-TE	RPSTPL-5306020	\$10,179	9/20/2013	-	-
SCL110044	Santa Clara	Campbell	POLLARD RD/KNOWLES DR BTW WINCHESTER & QUITO, BICYCLE AND PED IMPROVEMENTS	SRTS	SRTSL-5306017	(\$62,501)	3/22/2013	-	-
SCL110058	Santa Clara	Campbell	APRICOT AVE, CAMPBELL AVE, HACIENDA AVE (SEE COMMENT FOR REMAINING LOCATIONS), NEW RADAR SPEED PANEL INSTALLATION	HSP	HSPIL-5306023	(\$41,922)	4/22/2013	-	-
04924832L	Santa Clara	Cupertino	GARDEN GATE ELEMENTARY SCHOOL VICINITY, SIDEWALKS	SRTS	SRTSL-5318024	(\$72,021)	10/18/2012	-	-
SCL090057	Santa Clara	Cupertino	HOMESTEAD RD (MARY DR TO FRANCO CT), ROAD REHABILITATION	ARRA	ESPL-5318025	(\$140,491)	4/17/2013	-	-
SCL110023	Santa Clara	Los Altos	SAN ANTONIO ROAD (FOOTHILL EXPWAY TO PINE LN), MICROSEAL	STP	STPL-5309014	(\$69,623)	10/18/2012	-	-
04924629L	Santa Clara	Los Gatos	ROBERTS RD 0.10 MILE SOUTH OF BLOSSOM HILL RD, REPLACE EXISTING BRIDGE 37C-03	BRIDGE	BRLO-5067012	(\$702)	1/28/2013	-	-
SCL110041	Santa Clara	Los Gatos	Hwy 9/University Ave Intersection Improvements	HSP	HSPIL-5067017	\$900,000	6/20/2013	900,000	-
SCL110055	Santa Clara	Milpitas	ESQUELA PARKWAY BETWEEN WASHINGTON DR. AND RUSSELL LANE, BIKE AND PED IMPROVEMENTS (TC)	RIP-TE	RPSTPL-5314009	(\$61,236)	5/10/2013	-	-
0400002038L	Santa Clara	Palo Alto	NEWELL RD OVER SAN FRANCISCO CREEK, BRIDGE 37C0223, BRIDGE REPLACEMENT	STP	BRLS-5100017	\$147,953	5/21/2013	-	-
SCL050079	Santa Clara	San Jose	Silicon Valley TIMC	HPP	HPUL-5005085	\$2,452,600	3/22/2013	261,000	-
SCL050081	Santa Clara	San Jose	LOWER GUADALUPE RIVER TRAIL (1880 TO GOLD ST), BIKE TRAIL	HPP	HPUL-5005084	(\$1,433,857)	7/11/2013	-	-
SCL070040	Santa Clara	San Jose	JACKSON STREET, PEDESTRIAN IMPROVEMENT	CMAQ	CML-5005094	(\$376,944)	6/26/2013	-	-
SCL090065	Santa Clara	San Jose	SEE STATE REMARKS. STREETS RESURFACING/REHABILITA	ARRA	ESPL-5005099	(\$723,780)	3/27/2013	-	-
SCL110006	Santa Clara	San Jose	San Jose - Autumn Street Extension	TSCP	TCSP-5005122	\$150,000	9/10/2013	150,000	-
SCL110033	Santa Clara	San Jose	San Fernando Street Enhanced Bikeway & Ped Access	EARMARK SEC 117	STPL-5005105	\$139,964	11/19/2012	139,964	-
SCL110057	Santa Clara	San Jose	San Jose Walk N Roll - Safe Access	CMAQ	CML-5005108	\$186,361	6/28/2013	484,000	-
SCL110130	Santa Clara	San Jose	Park Avenue Bicycle Lane Improvements	HSP	HSPIL-5005121	\$110,300	8/11/2013	-	110,300
SCL976002	Santa Clara	San Jose	I-880/SR17 SMART CORRIDOR, INTELLIGENT TRANSPORTATION SYS	HPP	ITS99-5005058	(\$198,488)	6/21/2013	-	-
0413000048L	Santa Clara	Santa Clara County	MULTIPLE SCHOOLS IN CITY OF CAMPBELL AND SANTA CLARA (SEE STATE COMMENTS), NON INFRASTRUCTURE SAFE ROUTE TO SCHOOLS	SRTS	SRTSLNI-5937181	\$500,000	7/22/2013	-	-
0413000137L	Santa Clara	Santa Clara County	BLOOMFIELD ROAD/CARNADERO CREEK, ENVIRONMENTAL MITIGATION AND MONITORING	STP	BHLS-5937187	\$31,870	7/25/2013	-	-
04924066L	Santa Clara	Santa Clara County	SHORELINE BLVD BRIDGE OVER CENTRAL EXPRESSWAY, SEISMIC RETROFIT, BRIDGE 37C-0	BRIDGE	STPLZ-5937087	(\$109,604)	5/10/2013	-	-
04924243L	Santa Clara	Santa Clara County	CENTER AVENUE OVER LITTLE LLAGAS CREEK ... BRIDGE REHAB 37C-0523 TC	BRIDGE	BHLO-5937096	(\$328,702)	12/13/2012	-	-
04924711L	Santa Clara	Santa Clara County	SAN TOMAS EXPRESSWAY/HAMILTON AVENUE, ROADWAY SIGNAL IMPROVEMENT	HPP	HPUL-5937116	(\$5,929)	12/13/2012	-	-
SCL050080	Santa Clara	Santa Clara County	Oregon-Page Mill Expy Improvements	HPP	HPUL-5937163	\$2,639,680	4/11/2013	2,640,000	-
SCL050080	Santa Clara	Santa Clara County	Oregon-Page Mill Expy Improvements	STP	HPUL-5937163	\$63,863	4/11/2013	452,508	-
SCL070049	Santa Clara	Santa Clara County	CENTRAL EXPWAY AUX BTW MATHILDA & FAIR OAKS, CONSTRUCT AUXILIARY LANES	TSCP	TCSPLOB-5937128	(\$155,372)	6/25/2013	-	-
SCL090002	Santa Clara	Santa Clara County	San Tomas Expressway Box Culvert Rehabilitation	STP	DEMO08L-5937137	\$10,000,000	1/23/2013	10,000,000	-
SCL110003	Santa Clara	Santa Clara County	LOYOLA DRIVE (A STREET) AT FOOTHILL EXPRESSWAY (BRF 37C0117), BRIDGE REHABILITATION (TC)	BRIDGE	BHLO-5937174	\$60,000	9/18/2013	-	-
SCL110061	Santa Clara	Santa Clara County	UVAS CREEK BRIDGE ON UVAS ROAD (BR #37C0093), BRIDGE REPLACEMENT	BRIDGE	BRLO-5937077	(\$331,190)	10/17/2012	-	-

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TIP ID / EA	County	Agency	Project Name	Fund Source	Federal Project ID	Obligation Amount	Obligation Date	FY13 Program Amt	Future Funding
SCL110062	Santa Clara	Santa Clara County	Bridge #37C0170 Masten Ave over Llagas Creek	BRIDGE	BHLO-5937186	\$53,118	12/14/2012	-	-
SCL110065	Santa Clara	Santa Clara County	Bridge #37C0095 Uvas Rd over Little Uvas Creek	BRIDGE	BHLO-5937124	\$283,297	3/22/2013	283,297	-
SCL110070	Santa Clara	Santa Clara County	Bridge #37C0534 Frazier Lake Rd over Furlong Creek	BRIDGE	BHLO-5937186	\$46,297	12/14/2012	-	-
SCL110071	Santa Clara	Santa Clara County	Bridge #37C0538 Gilroy Hot Spg Rd/Hunting Hollow (TC)	BRIDGE	BHLO-5937144	\$131,470	7/10/2013	-	197,500
SCL110072	Santa Clara	Santa Clara County	Bridge #37C0541 Hellver Ave over Coyote Creek	STP	BHLS-5937148	\$211,454	7/10/2013	-	211,454
SCL110075	Santa Clara	Santa Clara County	Bridge #37C0571 Stevens Cyn Rd over Stevens Creek (TC)	BRIDGE	BHLO-5937149	\$162,800	7/10/2013	229,300	-
SCL110078	Santa Clara	Santa Clara County	WALNUT AVE/ PACHECO CK, BRIDGE #37C0581, CONSTRUCT SCOUR COUNTERMEASURE (TC)	BRIDGE	BHLO-5937141	(\$54,578)	7/18/2013	-	-
SCL110079	Santa Clara	Santa Clara County	VARIOUS LOCATIONS IN SANTA CLARA COUNTY, BIENNIAL BRIDGE INSPEC./MANAGE	BRIDGE	BRLO-NB05510	(\$196,430)	6/17/2013	-	-
SCL110079	Santa Clara	Santa Clara County	VARIOUS BRIDGES WITHIN SANTA CLARA COUNTY, NBIS BIENNIAL BRIDGE INSPECTIONS	BRIDGE	BRLO-NB05514	(\$350,800)	5/16/2013	-	-
SCL110083	Santa Clara	Santa Clara County	Bridge #37C0092 Watsonville Rd over Llagas Creek	STP	BPMP-5937151	\$246,007	4/2/2013	-	389,532
SCL110087	Santa Clara	Santa Clara County	WEST MIDDLE AVE OVER LITTLE LLAGAS CREEK, BRIDGE # 37C0368, BRIDGE PREVENTIVE MAINTENANCE	BRIDGE	BPMP-5937152	(\$125,018)	6/28/2013	-	-
SCL110091	Santa Clara	Santa Clara County	Bridge #37C0537 Gilman Rd over Llagas Creek (TC)	BRIDGE	BPMP-5937154	\$187,645	4/8/2013	-	283,200
SCL110092	Santa Clara	Santa Clara County	Bridge #37C0580 Thomas/Luchessa Rd over Camadero	STP	BPMP-5937157	\$195,744	4/2/2013	-	318,708
SCL110108	Santa Clara	Santa Clara County	Isabel Bridge Replacement (37C0089) (TC)	BRIDGE	BRLO-5937176	\$130,000	4/29/2013	130,000	-
SCL110121	Santa Clara	Santa Clara County	East San Jose Pedestrian Improvements	CMAQ	CML-5937191	\$256,000	4/23/2013	256,000	-
SCL110122	Santa Clara	Santa Clara County	HSIP5-04-021 Uvas Road Safety Improvement	HSIP/HRRR	HRRRL-5937190	\$166,500	9/13/2013	166,500	-
SCL110123	Santa Clara	Santa Clara County	HSIP5-04-022 Stevens Canyon Rd Safety Improvement	HSIP/HRRR	HRRRL-5937188	\$125,100	9/13/2013	125,100	-
SCL110124	Santa Clara	Santa Clara County	HSIP5-04-023 Clayton Road Safety Improvement	HSIP	HRRRL-5937189	\$50,000	9/13/2013	50,000	-
04924145L	Santa Clara	Santa Clara Valley Transportation Authority (VTA)	SANTA CLARA COUNTY, DEVELOP AN INTEGRATED ITS SYSTEM	ITS	ITS03-6264011	(\$201,340)	12/13/2012	-	-
SCL010040	Santa Clara	Santa Clara Valley Transportation Authority (VTA)	SR-152/ SR-156 Interchange Improvements.	HPP	HPLU-6264057	\$2,232,656	4/17/2013	149,842	-
SCL010040	Santa Clara	Santa Clara Valley Transportation Authority (VTA)	SR-152/ SR-156 Interchange Improvements.	STP	HPLU-6264057	\$629,803	4/17/2013	629,803	-
SCL090030	Santa Clara	Santa Clara Valley Transportation Authority (VTA)	SR 85 Express Lanes	EARMARK SEC 115	ESPL-6264044	\$1,000,000	11/20/2012	1,000,000	-
SCL090035	Santa Clara	Santa Clara Valley Transportation Authority (VTA)	Regional Planning Activities and PPM - Santa Clara	STP	STPL-6084175	\$1,754,000	3/22/2013	1,754,000	-
SCL110008	Santa Clara	Santa Clara Valley Transportation Authority (VTA)	SR 237 Express Lanes: Zanker Rd to Mathilda Ave	VPP	VPPL-6264058	\$1,600,000	8/9/2013	1,600,000	-
SCL990046	Santa Clara	Santa Clara Valley Transportation Authority (VTA)	VTA: Preventive Maintenance	STP+	FTASTPL-6264059	\$1,302,018	4/11/2013	1,302,018	-
SCL110112	Santa Clara	Saratoga	Bridge No. 37C0113& 37C0114: Quito Road Bridge Replacement	STP	BRLO-5332004	\$170,000	12/17/2012	-	-
SCL110113	Santa Clara	Saratoga	Bridge No. 37C0294, 4th Street Bridge	STP	BHLO-5332020	\$92,957	4/17/2013	-	-
0400000311S	Santa Clara	State-Managed	SR 82 IN THE CITY OF MOUNTAIN VIEW AT THE CLARK AVENUE INTERSECTION, INSTALL TRAFFIC SIGNALS & UPGRADE INTERSECTION (TC)	STP	STP-P082022	\$89,335	9/25/2013	-	-
0400000426S	Santa Clara	State-Managed	NEAR SAN JOSE FROM ROUTE 280 TO SCOTT CREEK ROAD U/C AT VARIOUS LOCATIONS. INSTALL RAMP METER AND TRAFFIC OPERATION SYS	IM	IM-6801068	(\$712,786)	9/25/2013	-	-
0400000823S	Santa Clara	State-Managed	NEAR GILROY, ON ROUTE 152, FROM OLD LAKE RD. TO SAN FELIPE RD., REALIGN CURVE & UPGRADE SHOULDERS (TC)	HSIP	HSNH-P152082	\$415,406	9/27/2013	-	-
0400000823S	Santa Clara	State-Managed	NEAR GILROY, ON ROUTE 152, FROM OLD LAKE RD. TO SAN FELIPE RD., REALIGN CURVE & UPGRADE SHOULDERS (TC)	NHS	HSNH-P152082	(\$89,841)	9/27/2013	-	-
04044804S	Santa Clara	State-Managed	RT 85 & 101-CUPERTINO & SUNNYVALE-VAR LOCATIONS, UPGRADE EXISTING MEDIAN BARRIER	STP	STP-X085044	\$194,666	5/14/2013	-	-
040C9014S	Santa Clara	State-Managed	0.6 MI N/O SILICON VALLEY BLVD-GUADALUPE BRDGS, REHABILITATE PAVEMENT (TC)	NHS	NH-Q101157	(\$8,587,598)	6/26/2013	-	-
0412000292S	Santa Clara	State-Managed	NORTHBOUND SR 82 FROM LAWRENCE EXPWY TO 0.4 MILE WEST OF THE SR 82/85 SEPARATION, COLD PLANE AC PAVEMENT AND PLACE HMA (TC)	STP	STP-P082023	\$2,325,100	9/25/2013	-	-
041A8604S	Santa Clara	State-Managed	SC COUNTY LINE TO 0.25 MI E/O SPRING LAKE, CREAT 2 DISPOSAL SITES W/DRAIN	STP	STPE-P152071	(\$42,695)	12/20/2012	-	-

TABLE 1: FHWA LOCALLY AND STATE-MANAGED PROJECTS OBLIGATIONS, FFY 2012-13

TIP ID/ EA	County	Agency	Project Name	Fund Source	Federal Project ID	Obligation Amount	Obligation Date	FY13 Program Amt	Future Funding
04270524S	Santa Clara	State-Managed	VAR. LOCATIONS FROM RT 680/101 TO ALPINE RD., UPGRADE METAL TO CONCRETE BARRIER	IM	IM-2801113	\$272,483	9/27/2013	-	-
04272024S	Santa Clara	State-Managed	CYPRESS PED O/C TO TANTU AVE O/C, ROADWAY REHABILITATION	ARRA	SARRA-2801119	(\$1,751,155)	9/12/2013	-	-
04278204S	Santa Clara	State-Managed	SCL CONGRESS SPRINGS RD 1.3 KM E/O RT 35/9, WIDEN NB SHOULDER AND CONSTRUCT	STP	STPHG-S009015	\$385,328	8/8/2013	-	-
042A0504S	Santa Clara	State-Managed	SANTA CLARA RTE 152 FROM PM 13.8 TO 14.8, LEFT TURN CHANNELIZATION (TC)	HSIP	HSNH-P152073	\$465,184	3/6/2013	-	-
044396U4S	Santa Clara	State-Managed	SAN JOSE ON RT 87 FR RT 280 TO RT 85/87 J/C, HOV & COLLECTOR	NHPP	ACNH-NH-S087027	\$3,243,591	7/25/2013	-	-
044396U4S	Santa Clara	State-Managed	SAN JOSE ON RT 87 FR RT 280 TO RT 85/87 J/C, HOV & COLLECTOR	NHS	ACNH-NH-S087027	\$1,000	7/25/2013	-	-
04448804S	Santa Clara	State-Managed	GILROY/VICINITY OF UVAS CREEK BRIDGE, BRIDGE SCOUR MITIGATION	STP	ACRSTP-P152072	\$3,179,482	9/25/2013	-	-
04487412/952	Santa Clara	State-Managed	SR-87 IN SAN JOSE FROM JULIAN ST TO SR-101, UPGRADE TO 6 LANE FREEWAY	STP	-S087010	\$3,944,953	7/26/2013	-	-
MTG050006	Santa Clara	State-Managed	IN SANTA CLARA CO-RTE 85 & 87 @ VARIOUS LOC., INSTALL 11 CCTV CAMERAS (TC)	STP	STP-X085047	\$234,253	9/25/2013	-	-
MTG050011	Santa Clara	State-Managed	IN SANTA CLARA FROM HECKER PASS TO UVAS CREEK, IMPROVE SIGHT DISTANCE, UPGRADE SHOULDERS	HSIP	P152080	(\$97,400)	9/27/2013	-	-
VAR110004	Santa Clara	State-Managed	NEAR SARATOGA, FROM RT 35 JUNCTION TO 0.1 MILE SOUTH OF 6TH STREET INTERSECTION, WIDEN SHOULDERS (TC)	HSIP	P009017	\$1,098,234	9/18/2013	-	-
VAR110004	Santa Clara	State-Managed	ON SR 9 AT VARIOUS LOCATIONS FROM 2.0 MILES EAST OF HEATHER HEIGHTS RD TO 6TH ST, UPGRADE SHOULDER AND PROVIDE MINOR REALIGNMENT (TC)	HSIP	S009019	\$7,219,485	9/25/2013	-	-
VAR110004	Santa Clara	State-Managed	IN SANTA CLARA, FROM HECKER PASS TO UVAS CREEK, UPGRADE SHDERS AND PROVIDE MINOR REALIGNMENT (TC)	HSIP	S152080	\$21,467,184	9/19/2013	-	-
VAR110005	Santa Clara	State-Managed	IN SARATOGA 0.84 MILE WEST OF SANBORN ROAD, STORM DAMAGE REPAIR/TIE-BACK WALL (TC)	STP	S009018	\$2,186,502	8/9/2013	-	-
SCL070015	Santa Clara	Sunnyvale	SUNNYVALE: TASMAN-FAIR OAKS, BICYCLE/PEDESTRIAN IMPROVEMENT	STP	S213029	(\$275,574)	12/13/2012	-	-
SCL090072	Santa Clara	Sunnyvale	EAST CHANNEL NEW PED/BIKE CORRIDOR, BIKE/PEDESTRIAN JOHN CHRISTIAN REHABILITATION & RESURFACING	ARRA	ESPL-S213033	(\$96,090)	7/29/2013	-	-
SCL110038	Santa Clara	Sunnyvale	GREENBELT-TASMAN DR	CMAQ	CML-S213031	(\$80,000)	10/25/2012	-	558,050
SCL110115	Santa Clara	Sunnyvale	Remington/Bernardo Traffic Signal	HSIP	HSIP-S213045	\$558,050	6/19/2013	-	45,000
SCL110127	Santa Clara	Sunnyvale	Mathilda Maude Traffic Signal Safety Modifications	HSIP	HSIP-S213049	\$47,000	7/2/2013	-	-
SCL110129	Santa Clara	Sunnyvale	Sunnyvale Saratoga/Fremont Signal Safety Project	HSIP	HSIP-S213048	\$25,000	7/2/2013	-	45,000
SOL110015	Solano	Benicia	COLUMBUS PARKWAY - BENICIA ROAD TO I-780, SOUTHAMPTON RD @ 7TH ST/I-780, PAVEMENT REHABILITATION	STP	STPL-S003026	(\$87,615)	12/17/2012	-	-
SOL070046	Solano	Dixon	STATE ROUTE 113 AND C STREET, LIGHTED CROSSWALK AND BULBOUT	CMAQ	CML-S056015	(\$16,503)	6/17/2013	-	-
SOL050033	Solano	Fairfield	LINEAR PARK BETWEEN N. TEXAS ST. & DOVER AVE., PEDSTRIAN AND BIKE PATH	CMAQ	5132029	(\$47,049)	10/12/2012	-	-
SOL110013	Solano	Fairfield	NIGHTINGALE DR. BETWEEN DOVER AVE. AND AIR BASE PARKWAY, CLASS 3 BIKEWAY	CMAQ	CML-S132038	(\$15,133)	5/1/2013	-	-
SOL110027	Solano	Fairfield	Fairfield Suisun Transit Vehicle Replacement	CMAQ+	FTACML-S132040	\$481,368	5/20/2013	481,368	-
SOL090006	Solano	Metropolitan Transportation Commission (MTC)	Regional Planning Activities and PPM - Solano	STP	STPL-6084175	\$333,000	3/22/2013	333,000	-
04074798L	Solano	Solano County	IN SOLANO CO., I-80 HOVL & TURNER PKWY O/C, CONSTRUCT HOVL AND NEW OVERCROSSING	HPP	5923079	(\$30,195)	2/26/2013	-	-
SOL050024	Solano	Solano County	PITTSCHOOL RD. NEAR HAWKINS RD. AND WEBER RD., CONSTRUCT CLASS 2 BIKE LANE	CMAQ	CML-S923086	(\$138)	2/22/2013	-	-
SOL070021	Solano	Solano County	Travis AFB: South Gate Improvement Project	HPP	HPLUL-S923083	\$128,000	9/12/2013	128,000	-
SOL090027	Solano	Solano County	ALLENDALE RD., BUNKER STATION RD, CANTELOW RD, KING RD, AND VARIOUS,, PAVEMENT REHABILITATION	STP	STPL-S923100	(\$213,681)	6/17/2013	-	-
SOL110029	Solano	Solano County	Stevenson Bridge Road Bridge (23C0092)	STP	BRIS-S923059	\$320,000	6/19/2013	-	354,120
SOL110031	Solano	Solano County	GORDON VALLEY RD OVER GORDON CREEK, BRIDGE REPLACEMENT	BRIDGE	BRIS-S923080	(\$98,717)	9/18/2013	-	-
SOL110032	Solano	Solano County	WINTERS RD (RAILROAD STREET) AT PUTAH CREEK, REPLACE EXISTING BRIDGE (TC)	STP	BRIS-S923067	\$15,337,633	9/18/2013	-	8,500,000
SOL110036	Solano	Solano County	Roadway Preservation in Solano County	STP	STPL-S923107	\$787,250	4/9/2013	787,250	-
VAR110007	Solano	Solano County	18 CURVE LOCATIONS IN SOLANO COUNTY, INSTALL GUARDRAILS	HSIP/ HRRR	5923106	\$18,000	7/26/2013	-	-

TABLE 1: FHWA LOCALLY AND STATE-MANAGED PROJECTS OBLIGATIONS, FFY 2012-13

TIP ID/ EA	County	Agency	Project Name	Fund Source	Federal Project ID	Obligation Amount	Obligation Date	FFY13 Program Amt	Future Funding
VAR1110007	Solano	Solano County	MIDWAY RD. FROM SR80 TO PORTER RD., SIEVERS RD. FROM HAILEY RD TO STEVESON BR. RD. WIDEN AND PAVE SHOULDERS	HSP/ HRRR	5923104	\$55,000	7/26/2013	-	-
VAR1110007	Solano	Solano County	PLEASANTS VALLEY RD. BETWEEN FOOTHILL RD. AND CANTELOW RD., WIDEN AND PAVE SHOULDERS	HSP/ HRRR	5923105	\$90,000	7/26/2013	-	-
SOL070032	Solano	Solano County Transit (SolTrans)	SolTrans: Preventive Maintenance	STP	FTASTPL-6497001	\$1,000,000	7/18/2013	1,000,000	-
SOL110024	Solano	Solano Transportation Authority (STA)	Dixon West B. St. Bike/Pedestrian Undercrossing	CMAQ	RPSTPL-6249029	\$1,394,000	3/21/2013	1,394,000	-
SOL110024	Solano	Solano Transportation Authority (STA)	Dixon West B. St. Bike/Pedestrian Undercrossing	RIP-TE	RPSTPL-6249029	\$3,130,000	3/21/2013	668,000	-
04000001335	Solano	State-Managed	RT 80 IN THE CITY OF VACAVILLE AT ALAMO DRIVE WESTBOUND, LENGTHEN ONRAMP (TC)	BRIDGE	0802364	\$622,905	9/27/2013	-	-
04000001335	Solano	State-Managed	RT 80 IN THE CITY OF VACAVILLE AT ALAMO DRIVE WESTBOUND, LENGTHEN ONRAMP (TC)	IM	0802364	\$1,378,498	9/27/2013	-	-
04000001335	Solano	State-Managed	ROUTE 12 NEAR THE INTERSECTION OF RED TOP RD. TRUCK CLIMBING LANE	REDISTRIBUTION	P012098	\$1,254,755	5/7/2013	-	-
04071412/95	Solano	State-Managed	SR-37 IN VALLEJO FROM NAPA RIV BR/DIABLO ST., CONSTRUCT 4-LANE FREEWAY	NHS	P037065	(\$1,091)	6/26/2013	-	-
042409U45	Solano	State-Managed	180 FROM AMERICAN CANYON TO GREEN VALLEY CRK, REHABILITATE ROADWAY	EQUITY BONUS	0802354	\$3,224,483	4/10/2013	-	-
042409U45	Solano	State-Managed	ROUTE 80/29 SEPARATION TO 1.1 MILE NORTH OF SOUTH DAVIS OVERHEAD, INSTALL METAL BEAM GUARD RAILS	IM	0802363	\$1,280,879	9/27/2013	-	-
044C15245	Solano	State-Managed	FROM RT 12 EAST OF LEISURE TOWN ROAD, REHABILITATE ROADWAY	IM	0802353	\$2,322,348	4/22/2013	-	-
044C15U451	Solano	State-Managed	4 MI W/O RT 80/12 - 85 MI E/O AIR BASE PKWY, CRACK & SEAL. HOV LANE PAVEMENT IN FAIRFIELD @ EAST TAVOR AVE AND UPRR XING, GRADE CROSSING HAZARD ELIMINAT	ARRA	0802356	(\$1,002,335)	12/11/2012	-	-
13240488L	Solano	State-Managed	NEAR RIO VISTA, FROM AZEVEDO RD TO LIBERTY ISLAND RD, SHOULDER WIDENING (TC)	STP	7500048	(\$254,180)	10/17/2012	-	-
MTC050011	Solano	State-Managed	IN SOLANO COUNTY AT VARIOUS LOCATIONS, INSTALL/UPGRADE RAMP LIGHTING	STP	P012105	\$223,000	8/15/2013	-	-
VAR991005	Solano	State-Managed	MAIN ST. FROM SOLANO ST. TO LOTZ WAY, PAVEMENT REHABILITATION	STP	X095019	\$47,493	8/9/2013	-	-
SOL090016	Solano	Suisun City	SUNSET AVE. FROM SR12 TO RAILROAD AVE., PAVEMENT REHABILITATION	ARRA	ESPL-5032024	\$51,000	9/19/2013	-	-
SOL090018	Solano	Suisun City	PINTAIL DRIVE FROM SUNSET AVENUE TO WALTERS ROAD, PAVEMENT REHABILITATION	ARRA	ESPL-5032022	(\$1,630)	3/13/2013	-	-
SOL110011	Solano	Suisun City	REHABILITATION	STP	STPL-5032025	(\$26,848)	12/13/2012	-	-
0412000563L	Solano	Vacaville	BUCK AVE OVER ALAMO CREEK, BRIDGE REHABILITATION	BRIDGE	5094057	\$151,628	3/22/2013	-	-
0412000564L	Solano	Vacaville	ON ALDRIDGE ROAD, APPROXIMATELY 500' WEST OF EUBANKS DRIVE, OVER PUTAH	BRIDGE	5094058	\$216,945	3/22/2013	-	-
SOL050013	Solano	Vacaville	SOUTH CR. BRIDGE REHABILITATION (TC)	CMAQ	CML-5094048	(\$97,225)	10/12/2012	-	-
SOL110034	Solano	Vacaville	ALLISON AND ULATIS DRIVES INTERSECTION, INTERMODAL TRANSP. STATION	CMAQ+	FTACML-5094059	\$40,000	3/18/2013	40,000	-
04073984L	Solano	Vallejo	Vacaville Transit - Curb Ramps	STP	5030042	(\$308,863)	3/22/2013	-	-
0412000201L	Solano	Vallejo	DOWNTOWN VALLEJO SQUARE, PEDESTRIAN ENHANCEMENTS LANDSCAPING	STP	5030042	(\$308,863)	3/22/2013	-	-
SOL010027	Solano	Vallejo	SACRAMENTO STREET OH IN THE CITY OF VALLEJO, SEISMIC RETROFIT - REPLACE BRIDGE	NHPP	5030056	\$566,063	3/1/2013	-	-
SOL070004	Sonoma	Vallejo	LEMON ST. BETWEEN SONOMA BLVD. & CURTOLA PKWY, ROAD REHABILITATION	STP	STPL-5030045	(\$166,304)	11/1/2012	-	-
SOL070004	Sonoma	Caltrans	SAN ANTONIO CR BR TO PETALUMA BLVD SOUTH 1/2 (MARIN SONOMA NARROWS - PHASE II), MEDIAN WIDENING FOR NB AND SB HOV LANES (TC)	HPP	6204108	\$170,000	9/27/2013	-	-
SOL110007	Sonoma	Cotati	Downtown Specific Plan Area Revitalization	CMAQ	CML-5383010	\$1,100,000	6/26/2013	1,100,000	-
04925756L	Sonoma	District	VARIOUS SCHOOLS WITHIN THE CITY, IMPLEMENTATION OF SRTS PROGRAM	SRTS	6449001	(\$4,670)	4/30/2013	-	-
SOL050017	Sonoma	Healdsburg	Healdsburg Foss Creek Bicycle/Ped Pathway	EARMARK SEC 117	CML-5027013	\$1,229,910	11/13/2012	1,230,000	-
SOL110023	Sonoma	Healdsburg	HEADSBURG AVENUE AT PLAZA AND PIPER STREET, IN-PAVEMENT CROSSWALK LIGHT	HSP	HSIPL-5027015	(\$7)	9/25/2013	-	-
SOL110020	Sonoma	Petaluma	EAST WASHINGTON STREET, CONSTRUCT PED CROSS & FLASHING	HSP	HSIPL-5027043	(\$140,614)	1/31/2013	-	-
SOL110021	Sonoma	Petaluma	Left-turn Signal Modification	HSP	HSIPL-5027047	\$381,600	12/13/2012	381,600	-
SOL110029	Sonoma	Petaluma	Crinella Dr/ Casa Grande Rd Lighted Crosswalks	HSP	HSIPL-5027051	\$145,075	11/20/2012	145,075	-
SOL110008	Sonoma	Santa Rosa	4TH ST @ B. D AND E ST, 5TH ST @ D ST, DOWNTOWN PEDESTRIAN ACCESS IMPROVEMENT	CMAQ	CML-5028070	(\$200,000)	12/13/2012	-	-
SOL110011	Sonoma	Santa Rosa	MISSION BLVD, OCCIDENTAL RD. AND STEELE LN, ROADWAY REHABILITATION	STP	STPL-5028064	(\$83,161)	3/27/2013	-	-

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TIP ID / EA	County	Agency	Project Name	Fund Source	Federal Project ID	Obligation Amount	Obligation Date	FY13 Program Amt	Future Funding
SON110022	Sonoma	Santa Rosa	SONOMA AVENUE, BIKE LANE	HSIP	HSPL-5028059	(\$24,696)	10/25/2012	-	-
SON070015	Sonoma	Sebastopol	STREET SMART SEBASTOPOL PHASE 2, PEDESTRIAN AND BIKE PATH	CMAQ	CML-5123013	\$114,979	8/7/2013	-	-
SON110019	Sonoma	Sonoma City	Napa/Leveroni Rd. at Broadway (SR12)	HSIP	HSPL-5114015	\$133,870	3/29/2013	133,870	-
0412000256L	Sonoma	Sonoma County	WEST AVE. BETWEEN SEBASTOPOL RD. AND HEARN AVE., PEDESTRIAN IMPROVEMENTS	SRTS	5920133	\$239,400	8/13/2013	-	-
04924107L	Sonoma	Sonoma County	IN SONOMA COUNTY AT WATMAUGH RD BRIDGE, BRIDGE REPLACEMENT	STP	5920092	\$354,120	9/25/2013	-	-
SON090013	Sonoma	Sonoma County	VARIOUS ROADS AND BRIDGES WITHIN CR LIMITS, CHIP SEALING ROADS AND BRIDGES	ARRA	ESPL-5920116	(\$644,094)	7/12/2013	-	-
SON090026	Sonoma	Sonoma County	LAMBERT BRIDGE RD & DRY CREEK, REPLACE BRIDGE	STP	STPLZ-5920050	(\$588,530)	7/18/2013	-	-
SON090026	Sonoma	Sonoma County	Replace Lambert Bridge over Dry Creek 20C0248 (TC)	BRIDGE	BRLO-5920138	\$1,068,750	2/1/2013	-	-
SON090027	Sonoma	Sonoma County	Replace West Dry Creek Bridge over Pena Ck 20C0407 (TC)	BRIDGE	BRLO-5920139	\$400,000	4/29/2013	400,000	-
SON090027	Sonoma	Sonoma County	Replace West Dry Creek Bridge over Pena Ck 20C0407 (TC)	BRIDGE	BRLO-5920139	\$140,000	5/17/2013	140,000	-
SON110025	Sonoma	Sonoma County	Replace Hauser Bridge over Gualala River 20C0240	BRIDGE	BRLO-5920125	\$171,250	5/21/2013	171,250	-
SON110026	Sonoma	Sonoma County	Replace Freestone Flat Bridge over Salmon 20C0440	BRIDGE	BRLO-5920127	\$309,500	6/19/2013	309,500	-
SON110036	Sonoma	Sonoma County	BRIDGE NO. 20C0155, WOHLER RD. OVER RUSSIAN RIVER (TC)	BRIDGE	STPLZ-5920137	\$750,000	4/8/2013	750,000	-
SON110041	Sonoma	Sonoma County	BRIDGE NO. 20C0262, BOYES BLVD OVER SONOMA CREEK	STP	STPLZ-5920059	\$486,915	5/21/2013	486,915	-
SON110042	Sonoma	Sonoma County	PORTER CREEK RD. ON PORTER CREEK(20C-0112), BRIDGE REPLACEMENT	STP	BRIS-5920045	\$5,226,393	9/25/2013	4,426,500	-
SON070004	Sonoma	Sonoma County Transportation Authority (SCTA)	US 101, Marin/Sonoma Narrows (Sonoma)	HPP	HPUL-6364015	\$2,492,000	7/2/2013	2,642,000	-
0400000772S	Sonoma	State-Managed	SR 116/STAGE GULCH RD NEAR PETALUMA/ADOBE RD TO WEST OF ARNOLD DRIVE, REQUIRED LANDSCAPE MITIGATION (TC)	STP	P116044	\$269,324	9/27/2013	-	-
0400000937S	Sonoma	State-Managed	IN ELDRIDGE, AT MADRONE ROAD, INSTALL TRAFFIC SIGNALS	STP	P012111	(\$16,923)	9/18/2013	-	-
04000011031S	Sonoma	State-Managed	RANCH, REPLACE CULVERT AND INSTALL ROCK SLOPE PROTECTION	ER	4315004	\$564,682	9/27/2013	-	-
0400001255S	Sonoma	State-Managed	NEAR CLOVERDALE, AT EAST 1ST STREET, CONSTRUCT RETAINING WALL (TC)	NHPP	Q101212	\$347,771	7/9/2013	-	-
0400020025S	Sonoma	State-Managed	CITY OF COTATI FROM 0.5 MILE E/O STONY POINT ROAD TO 0.2 MILE W/O ALDER AVENUE, LEFT TURN CHANNELIZATION AT MADRONE AVENUE (TC)	HSIP	P116045	\$940,289	9/27/2013	-	-
0400020886S	Sonoma	State-Managed	SON CO, NEAR CLOVERDALE, AT 2.4 MI WEST OF NORTH CLOVERDALE BLVD, EMERGENCY RELIEF - STORM DAMAGE REPAIR	ER	47C1005	\$432,026	9/27/2013	-	-
041A6504S	Sonoma	State-Managed	1 MI S/O PETALUMA TO 1 MI S/O CLOVERDALE, INSTALL METAL BEAM GUARD RAIL	HSIP	Q101140	\$120,064	6/28/2013	-	-
04219864S	Sonoma	State-Managed	SR 12 NEAR GLEN ELLEN, LEFT TURN LANES/SHOULDER WIDEN	STP	P012101	\$614,675	3/6/2013	-	-
04245414S	Sonoma	State-Managed	SON101 HOV - ROUTE 12 TO STEELE LANE, CONSTRUCT HOV LANES, MODIFY I/	NHS	Q101107	\$2,035,146	1/31/2013	-	-
04283814S	Sonoma	State-Managed	SONOMA CO ON RTE 116 NEAR PETALUMA, REALIGN VERT & HORIZ CURVES (TC)	STP	P116042	\$580,473	3/6/2013	-	-
04924800L	Sonoma	State-Managed	13 DAFS: 13 LOCATIONS, EMERGENCY OPENING	ER	4442087	(\$189,789)	1/29/2013	-	-
04924841L	Sonoma	State-Managed	M5H-SONCO-002, EMERGENCY OPENING	ER	4442090	(\$57)	6/25/2013	-	-
SON010019	Sonoma	State-Managed	STEELE LANE TO WINDSOR ROAD IN WINDSOR, HOV LANE AND REHAB PAVEMENT (TC)	EQUITY BONUS	Q101148	(\$49,478)	4/30/2013	-	-
SON010019	Sonoma	State-Managed	STEELE LANE TO WINDSOR ROAD IN WINDSOR, HOV LANE AND REHAB PAVEMENT (TC)	NHS	Q101148	(\$542,280)	4/30/2013	-	-
VAR110005	Sonoma	State-Managed	ON SR 1 APPROXIMATELY 0.5 MILE NORTH OF JENNER, STORM DAMAGE REPAIR (TC)	STP	P001579	\$561,200	7/10/2013	-	-
VAR110044	Sonoma	State-Managed	NEAR CITY OF SEBASTOPOL AT LAGUNA DE SANTA ROSA BRIDGE, BRIDGE REPLACEMENT (SCOURING) (TC)	STP	P012113	\$12,892,549	8/5/2013	-	-
0412000263L	Sonoma	Windor	MULTIPLE SCHOOLS IN WINDSOR UNIFIED SCHOOL DISTRICT, CONDUCT PEDESTRIAN AND BIKE SAFETY EDUCATION	SRTS	5472015	\$310,000	1/28/2013	-	-
SON110044	Sonoma	Windor	OLD REDWOOD HWY: WINDSOR RIVER RD/CONDE LN TO 4TH ST, PEDESTRIAN AND BIKE PATH	RIP-TE	RPSTPLE-5472017	\$112,000	4/17/2013	-	-
TOTAL						\$402,636,561			

Table 2: Federal Transit Administration Transit Obligations, FFY 2012-13

TIP ID	Operator	Project Description	Fund Source	Grant Number	FY13 Programmed Amount	FY13 Obligation Amount	Obligation Date	Remaining Obligation Amount (by TIP ID)
ALA110099	ACE	ACE Preventive Maintenance	5307 Urbanized Area Formula	CA-90-Y953-01	506,887	506,887	6/19/2013	510,043
ALA110099	ACE	ACE Preventive Maintenance	5307 Urbanized Area Formula	CA-90-Z073	503,096	503,096	8/30/2013	-
ALA110099	ACE	ACE Preventive Maintenance	STP	CA-95-X218	1,150,935	1,150,935	7/3/2013	-
REG110044	ACE	ACE Positive Train Control	5307 Urbanized Area Formula	CA-90-Z073	1,664,400	1,664,400	8/30/2013	1,664,000
SOL010006	Fairfield	FAST Operating Assistance	5307 Urbanized Area Formula	CA-90-Y966-01	-	591,163	5/13/2013	4,388,700
SOL110027	Fairfield	Transit Vehicle Replacement	CMAQ	CA-95-X241	481,368	481,368	7/3/2013	-
MNR110030	Marin Transit	Capital Improvements for Muir Woods Shuttle	5320 Transit in Parks	CA-20-X013	638,000	1,738,000	8/22/2013	-
REG110032	Marin Transit	Lifeline Route	5316 JARC	CA-37-X183	94,245	94,245	7/26/2013	-
NAP030004	Napa	NCTPA: ADA Operating Assistance	5307 Urbanized Area Formula	CA-90-Z056	638,000	29,557	8/8/2013	29,966
NAP090008	Napa	NCTPA Equipment Replacement and Upgrades	5307 Urbanized Area Formula	CA-90-Z056	46,814	46,814	8/8/2013	221,701
NAP970010	Napa	Napa Vine Operating Assistance	5307 Urbanized Area Formula	CA-90-Z056	1,776,524	1,802,179	8/8/2013	1,471,103
REG110032	SFMTA	Continuation of Bus Service	5316 JARC	CA-37-X180	289,196	289,196	5/29/2013	-
REG110039	SFMTA	JARC	5307 Urbanized Area Formula	CA-90-Z086	911,746	911,746	7/30/2013	-
SF-010037	SFMTA	SF Muni Third St LRT Phase 2 – New Central Subway	5309 New Starts	CA-03-0767-05	-	85,000,000	11/15/2012	-
SF-010037	SFMTA	SF Muni Third St LRT Phase 2 – New Central Subway	5309 New Starts	CA-03-0767-06	-	141,766,415	9/24/2013	706,197,500
SF-050034	SFMTA	Light Rail Vehicle Overhaul Program	STP	CA-95-X219-01	5,120,704	5,120,704	8/8/2013	-
SF-070045	SFMTA	SFMTA: Trolley Coach Replacement	STP	CA-95-X219-01	15,502,261	15,502,261	8/8/2013	12,677,488
SF-090031	SFMTA	SF Muni – Preventive Maintenance	STP	CA-95-X219-01	1,600,000	1,600,000	8/8/2013	-
SF-090035	SFMTA	SFMTA: Paratransit Vehicle Replacements	5307 Urbanized Area Formula	CA-90-Z086	4,163,725	4,163,725	7/30/2013	-
SF-090037	SFMTA	Phelan Loop Pedestrian and Street Beautification	STP	CA-95-X179	574,000	574,000	1/30/2013	-
SF-090037	SFMTA	Phelan Loop Pedestrian and Street Beautification	STP	CA-95-X179-01	-	1,120,000	8/8/2013	-
SF-090041	SFMTA	Church and Duboce Bike / Pedestrian Enhancements	STP	CA-95-X179	341,000	341,000	1/30/2013	-
SF-090043	SFMTA	SFMTA: Replace 45 NABI Motor Coaches & 17 Gilligs	5307 Urbanized Area Formula	CA-90-Z086	7,419,719	7,419,719	7/30/2013	-
SF-090043	SFMTA	SFMTA: Replace 45 NABI Motor Coaches & 17 Gilligs	5309 Bus	CA-04-0196-01	2,000,000	16,973,943	7/19/2013	-
SF-110002	SFMTA	Mission Bay/UCSF Multi-Modal Transportation Imps	TIGER	CA-79-0002	10,000,000	10,000,000	8/22/2013	-
SF-110008	SFMTA	Second St Phase 1 – SFGO Signal Rehab and Upgrade	STP	CA-95-X199	517,015	517,015	12/7/2012	-
SF-110016	SFMTA	San Francisco Market & Haight St. Transit/Ped Imps	CMAQ	CA-95-X164-01	-	948,200	3/29/2013	-
SF-110045	SFMTA	SFMTA: Improvements to 8X Bayshore	5309 Bus	CA-04-0278	6,352,000	6,352,000	6/12/2013	-
SF-110050	SFMTA	SFMTA: Replace 58 40' Neoplan Buses	5307 Urbanized Area Formula	CA-90-Z086	15,815,991	15,815,991	7/30/2013	17,295,232
SF-110051	SFMTA	SFMTA: Replace 26 60' Neoplan Buses	5307 Urbanized Area Formula	CA-90-Z086	16,742,037	16,742,037	7/30/2013	4,116,619
SF-95037B	SFMTA	SF Muni Rail Replacement Program	5337 State of Good Repair	CA-54-0010	26,992,086	26,992,086	7/30/2013	34,592,086
SF-970073	SFMTA	SFMTA: Cable Car Vehicle Renovation	5337 State of Good Repair	CA-54-0010	960,000	960,000	7/30/2013	960,000
SF-990003	SFMTA	Radio Replacement	5307 Urbanized Area Formula	CA-90-Z086	5,000,000	5,000,000	7/30/2013	-
SF-990003	SFMTA	Global Positioning System	5337 State of Good Repair	CA-54-0010	2,600,000	2,600,000	7/30/2013	-
SF-990022	SFMTA	SFMTA: ADA Paratransit Operating Support	5307 Urbanized Area Formula	CA-90-Z086	3,732,102	3,732,102	7/30/2013	3,783,639
SOL010007	Vacaville	Vacaville Transit: Operating Assistance	5307 Urbanized Area Formula	CA-90-Z049	985,000	789,388	6/19/2013	1,180,612
SOL110042	Vacaville	Vacaville Transit: Procure 3 Fixed Route Buses	5307 Urbanized Area Formula	CA-90-Z049	1,400,673	1,400,673	6/19/2013	-

Table 2: Federal Transit Administration Transit Obligations, FFY 2012-13

TIP ID	Operator	Project Description	Fund Source	Grant Number	FY13 Programmed Amount	FY13 Obligation Amount	Obligation Date	Remaining Obligation Amount (by TIP ID)
SCL110120	VTA	Together We Ride One-Call/One-Click Centers	5309 Bus	CA-04-0268	2,000,000	2,000,000	6/7/2013	-
SCL110120	VTA	Together We Ride One-Call/One-Click Centers	VTCLI	CA-26-0061	50,000	50,000	5/31/2013	-
CC-110092	Westcat	WCCTA: Replace (8) 1988 40' Transit Buses	5307 Urbanized Area Formula	CA-90-Z072	3,508,572	3,508,572	8/30/2013	-
CC-990045	Westcat	WCCTA: ADA Paratransit Operating Subsidy	5307 Urbanized Area Formula	CA-90-Z072	107,889	107,889	8/30/2013	109,379
REG110032	Westcat	C3 Operations	5316 JARC	CA-37-X185	37,007	37,007	8/30/2013	-
REG110039	Westcat	C3 Operations (JARC)	5307 Urbanized Area Formula	CA-90-Z072	38,000	38,000	8/30/2013	-
ALA110001	WETA	Central Bay Operations and Maintenance Facility	5309 Bus	CA-04-0209-01	-	2,500,000	8/19/2013	2,500,000
REG090055	WETA	WETA: Ferry Propulsion System Replacement	5307 Urbanized Area Formula	CA-90-Z066	4,208,000	4,208,000	7/30/2013	-
REG090057	WETA	WETA: Ferry Major Component Rehab/Replacement	5307 Urbanized Area Formula	CA-90-Z066	2,560,000	2,560,000	7/30/2013	2,000,000
REG090057	WETA	WETA: Ferry Major Component Rehab/Replacement	5309 Fixed Guideway Modernization	CA-05-0278	1,655,000	1,655,000	7/30/2013	-
REG090067	WETA	WETA: Fixed Guideway Connectors	5307 Urbanized Area Formula	CA-90-Z066	1,224,000	1,224,000	7/30/2013	800,000
REG090067	WETA	WETA: Fixed Guideway Connectors	5309 Fixed Guideway Modernization	CA-05-0278	1,025,000	1,025,000	7/30/2013	-
REG110020	WETA	WETA: Facilities Rehabilitation	5307 Urbanized Area Formula	CA-90-Z066	64,411	64,411	7/30/2013	-
SF-110053	WETA	WETA: Replace Ferry Vessels	5307 Urbanized Area Formula	CA-90-Z066	14,800,000	14,800,000	7/30/2013	2,592,000
SOL991032	WETA	Vallejo Ferry Maintenance Facility	Ferry Boat Disc.	CA-70-X018	-	856,462	9/3/2013	4,300,000
TOTAL						415,875,186		

* Please note that due to the California Public Employees' Pension Reform Act (PEPRA), many transit agencies experienced delays in receiving awards for FFY13 submitted grants. As a result, there is an expectation of higher than usual FTA transit obligations in FFY 2013-14.

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APPENDIX A – 43

2015 TIP Detail

**A Guide to the San Francisco Bay Area's
Transportation Improvement Program,
or TIP**





A Guide to the San Francisco Bay Area's Transportation Improvement Program, or TIP

Updated for the 2015 TIP

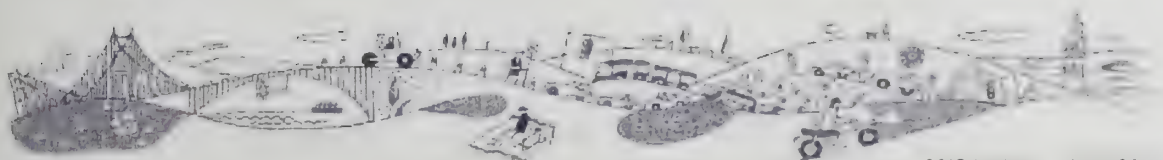
June 2014

Introduction

This guide explains how the public and interested stakeholders can get involved in the San Francisco Bay Area's transportation project development process. Specifically, the focus is on the Transportation Improvement Program or TIP, which is compiled and approved by the Metropolitan Transportation Commission. A major milestone occurs when a highway, transit or other transportation project is added to the TIP. A project may not receive federal funds or receive other critical federal project approvals unless it is included in the TIP. This guide focuses on the TIP – what it is and how the public can use it to keep informed about projects in their communities.

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- 2** What is the Metropolitan Transportation Commission?
- 3** What is the Transportation Improvement Program or TIP?
- 5** A summary of the 2015 TIP
- 8** How does the TIP relate to the long-range regional transportation plan?
- 9** How does the TIP relate to the Clean Air Act?
- 9** How is the TIP funded?
- 10** Who develops the TIP?
- 11** How does a project get in the TIP?
- 14** What happens after a project is included in the TIP?
- 15** In what ways can the public participate?
- 16** Where to turn for more information
- 18** Transportation agencies in the San Francisco Bay Area



What is the Metropolitan Transportation Commission?

The Metropolitan Transportation Commission (MTC) was created by the California State Legislature in 1970 and is the transportation planning, coordinating and financing agency for the nine-county San Francisco Bay Area. MTC functions as both the region's metropolitan planning organization (MPO) – a federal designation – and, for state purposes, as the regional transportation planning agency. As such, it is responsible for regularly updating the Regional Transportation Plan (RTP), a comprehensive blueprint for the development of mass

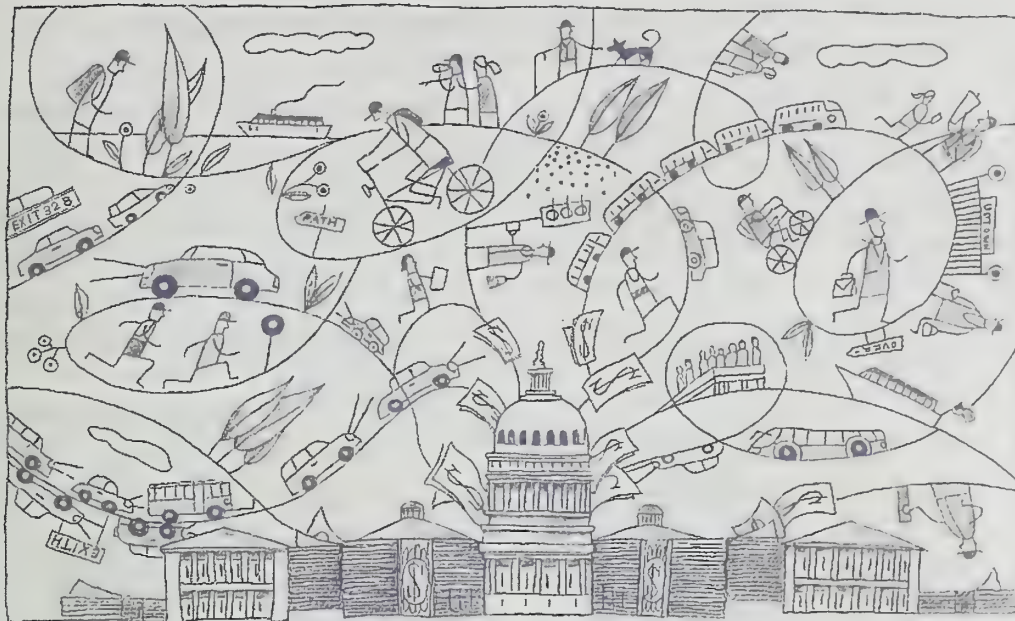


transit, highway, local streets and roads, rail, bicycle and pedestrian facilities. The RTP includes a Sustainable Communities Strategy (SCS) that integrates planning for transportation, land use and housing. The Commission screens requests from local agencies for regional, state and federal grants for transportation projects to determine their compatibility with the RTP, and coordinates the participation of governments and the general public in the planning process. MTC also functions as the Bay Area Toll Authority and the Service Authority for Freeways and Expressways.

The San Francisco Bay Area is served by seven primary public transit systems as well as over 20 other local transit operators, which together carry over 500 million passengers per year. There are nearly 20,000 miles of local streets and roads, 1,400 miles of highway, six public ports and three major commercial airports. The region includes nine counties and 101 municipalities; more than 7 million people reside within its 7,000 square miles.

The Commission is governed by a 21-member policy board. Sixteen commissioners are appointed directly by local elected officials. In addition, two members represent regional agencies – the Association of Bay Area Governments and the Bay Conservation and Development Commission. Finally, three nonvoting members represent the U.S. Department of Transportation, the California State Transportation Agency and the U.S. Department of Housing and Urban Development.





What is the Transportation Improvement Program or TIP?

The TIP lists the near-term transportation projects, programs and investment priorities of the region's surface transportation system that have a federal interest – meaning projects or programs for which federal funds or actions by federal agencies are anticipated – along with locally and state-funded projects that are regionally significant. A regionally significant project, generally large scale, changes travel patterns over a relatively large geographic area. The TIP signifies the start of implementation of the programs and policies approved in the Bay Area's long-range transportation plan. It does this by identifying specific projects over a four-year timeframe that will help move the region toward its transportation vision. Locally funded transit operations and pavement maintenance are generally not included in the TIP.

The TIP is multimodal.

The TIP lists highway, local roadway, bridge, public transit, bicycle, pedestrian and freight-related projects.

The TIP covers a four-year period.

The TIP lists projects for a period of four years. MTC is required by federal law to update the TIP at least one time every four years.



The TIP identifies future commitments of funding and signifies that a project may move ahead to implementation.

A project's inclusion in the TIP is a critical step. It does NOT, however, represent an allocation of funds, an obligation to fund, or a grant of funds. For projects funded with federal dollars, this may occur only after the California Department of Transportation (Caltrans) and/or either the U.S. Federal Highway Administration or Federal Transit Administration review the design, financing, and environmental impacts of a project; consult with other transportation and resource agencies; and review public comment. Beyond this point, a project sponsor works with Caltrans or the federal agencies to guarantee the federal funding identified in the TIP. This federal guarantee is referred to as an "obligation." To secure non-federal funds, projects are subject to final approval from state, regional or local agencies.

The TIP shows estimated project costs and schedules.

The TIP lists specific projects and the anticipated schedule and cost for each phase of a project (preliminary engineering, final design, right-of-way acquisition and construction). Any project phase included in the TIP means implementation of that phase is expected to begin during the four-year timeframe of the TIP. Funding shown outside the TIP period is for informational purpose or to display total project cost.

The TIP schedule of project implementation is NOT fixed. The timeframe shown in the TIP is the "best estimate" at the time it is first listed in the TIP. Sometimes projects cannot maintain that schedule and will be moved to a later year. Conversely, to accelerate implementation the project sponsor can request that the project be moved to an earlier year, based on the availability of funding.

The TIP must reflect realistic revenues and costs.

The list of projects in the TIP must be able to be funded within the amount of funds reasonably expected to be available over the four-year timeframe of the TIP. To add projects to the TIP, sufficient revenues must be available, other projects must be deferred, or new revenues must be identified. As a result, the TIP is not a "wish list" but a list of projects with funding commitments during the timeframe of the TIP.

The TIP may be changed after it is adopted.

An approved TIP may be revised in order to add new projects, delete projects, advance projects into the first year, and accommodate changes in the scope, cost or phasing of a project. MTC encourages public comment on significant proposed changes to the TIP.

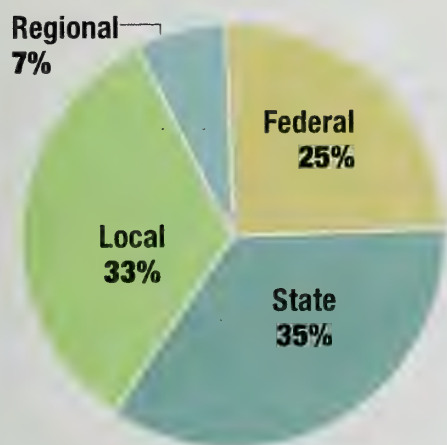
The TIP is NOT a guarantee that a project will move forward to construction. Unforeseen problems may arise, such as engineering obstacles, environmental conflicts, changes in priorities, or cost increases or declining revenues. These problems can slow a project, cause it to be postponed, change its scope, or have it dropped from consideration.



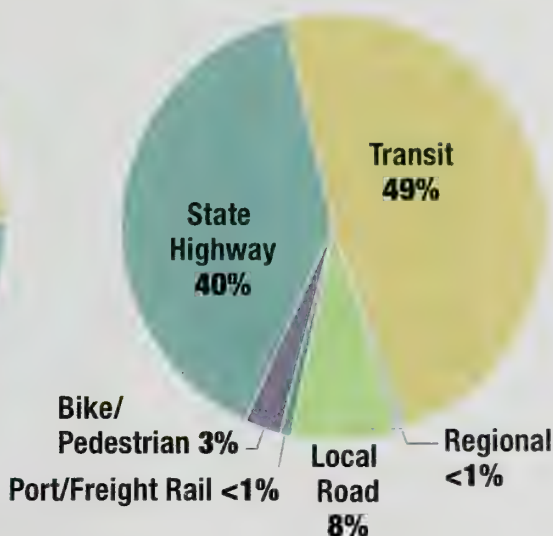
A summary of the 2015 TIP

The Bay Area's 2015 TIP includes approximately 1,000 transportation projects, and a total of approximately \$9.4 billion in committed federal, state and local funding over the four-year TIP period through fiscal year 2018. See the next page for a map of projects with costs greater than \$200 million.

2015 TIP Funds by Source



2015 TIP Funds by Mode



2015 TIP Investment Analysis:

Focus on low-income and minority communities

To address the equity implications of the proposed 2015 TIP investments, MTC has conducted an investment analysis with a focus on minority and low-income residents. The key question addressed is: "Are low-income and minority populations sharing equitably in the TIP's financial investments?" To answer this question, the investment analysis uses demographic criteria to calculate the shares of 2015 TIP investments that will flow to the identified communities, and compares those shares with the proportional size of this group's population and trip-making, relative to those of the general population.

Results of the Investment Analysis of the 2015 TIP can be viewed on MTC's web site at: www.mtc.ca.gov/funding/tip/



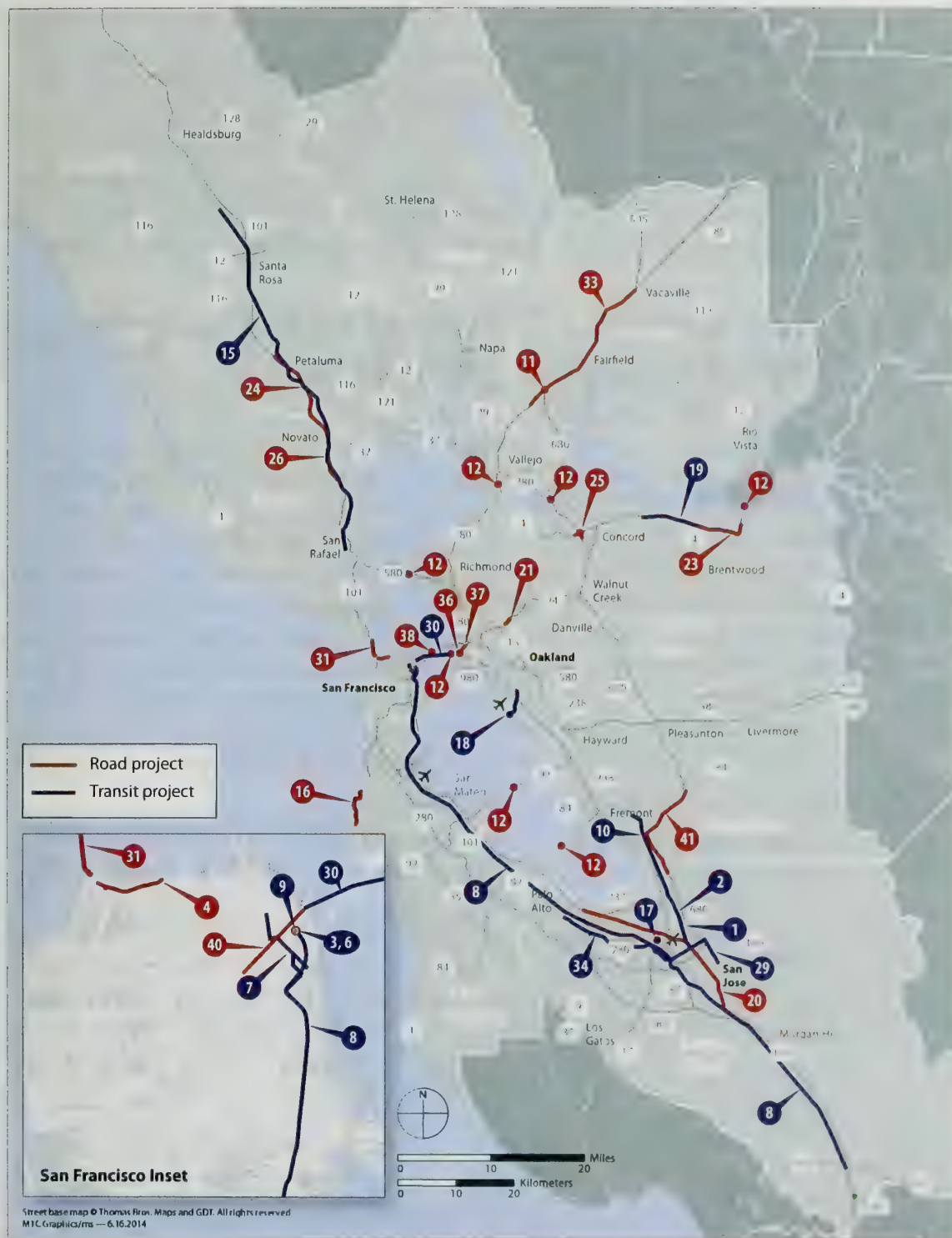
Projects in the 2015 TIP With Costs Greater Than \$200 million

RED Road Project
BLUE Transit Project

1. **BART – Berryessa to San Jose Extension**
Santa Clara County
\$3.96 billion
2. **BART – Warm Springs to Berryessa Extension**
Santa Clara County
\$2.52 billion
3. **Transbay Terminal/Caltrain Downtown Extension, Phase 2**
San Francisco County
\$2.29 billion
4. **US 101 Doyle Drive Replacement**
San Francisco County
\$1.99 billion
5. **BART Railcar Procurement Program****
Multiple Counties
\$1.98 billion
6. **Transbay Terminal/Caltrain Downtown Extension, Phase 1**
San Francisco County
\$1.90 billion
7. **SF Muni Third St LRT Phase 2 – Central Subway**
San Francisco County
\$1.58 billion
8. **Caltrain Electrification**
Multiple Counties
\$1.23 billion
9. **Transbay Transit Center – TIFIA Loan Debt Service**
San Francisco County
\$1.08 billion
10. **BART – Warm Springs Extension**
Alameda County
\$890 million
11. **I-80/I-680/SR-12 Interchange**
Project Solano County
\$718 million
12. **Toll Bridge Rehabilitation Program**
Multiple Counties
\$629 million
13. **BART Car Exchange (Preventive Maintenance)****
Multiple Counties
\$607 million
14. **Valley Transportation Authority: Preventive Maintenance**
Santa Clara County
\$572 million
15. **Sonoma Marin Area Rail Corridor**
Sonoma/Marin Counties
\$539 million
16. **SR-1 Devils Slide Bypass**
San Mateo County
\$512 million
17. **San Jose International Airport People Mover**
Santa Clara County
\$508 million
18. **BART Oakland Airport Connector**
Alameda County
\$484 million
19. **E-BART – East Contra Costa County Rail Extension**
Contra Costa County
\$460 million
20. **US-101 Express Lanes in Santa Clara County**
Santa Clara County
\$425 million
21. **SR-24 – Caldecott Tunnel Fourth Bore**
Alameda/Contra Costa Counties
\$420 million
22. **AC Transit: Preventive Maintenance Program****
Alameda/Contra Costa Counties
\$392 million
23. **SR-4 East Widening from Somersville to SR-160**
Contra Costa County
\$385 million
24. **US-101 Marin–Sonoma Narrows (Sonoma)**
Sonoma County
\$373 million
25. **I-680/SR-4 Interchange Reconstruction – Ph. 1, 2, 4 & 5**
Contra Costa County
\$369 million
26. **US-101 Marin–Sonoma Narrows (Marin)**
Marin County
\$341 million
27. **Freeway Performance Initiative (FPI)****
Multiple Counties
\$341 million
28. **Hunters Point Shipyard and Candlestick Point Local Roads****
San Francisco County
\$338 million
29. **Capitol Expressway LRT Extension, Phase 2**
Santa Clara County
\$294 million
30. **BART Transbay Tube Seismic Retrofit**
Multiple Counties
\$276 million
31. **Golden Gate Bridge Seismic Retrofit, Phases 1–3A**
Marin/San Francisco Counties
\$273 million
32. **Southeast Waterfront Transportation Improvements****
San Francisco County
\$254 million
33. **I-80 Express Lanes in Fairfield & Vacaville, Phases 1 & 2**
Solano County
\$237 million
34. **El Camino Real Bus Rapid Transit**
Santa Clara County
\$234 million
35. **Caltrain Positive Train Control System****
Multiple Counties
\$231 million
36. **7th Street Grade Separation and Roadway Improvements**
Alameda County
\$221 million
37. **Oakland Army Base Infrastructure Improvements**
Alameda County
\$215 million
38. **Yerba Buena Island (YBI) Ramp Improvements**
San Francisco County
\$212 million
39. **SFMTA ADA Paratransit Operating Support****
San Francisco County
\$207 million
40. **SF-Better Market Street Transportation Elements**
San Francisco County
\$206 million
41. **I-680 NB HOV/HOT Lane**
Alameda/Santa Clara Counties
\$205 million

** These projects not shown on map

Projects in the 2015 TIP With Costs Greater Than \$200 million





How does the TIP relate to the Clean Air Act?

Transportation activities funded with federal dollars must be consistent with air quality standards called for in the Clean Air Act Amendments of 1990. A TIP and Regional Transportation Plan are said to “conform” to those standards if they do not cause new air quality violations, worsen existing violations, or delay attainment of the air quality standards. Along with adoption of the TIP and RTP, MTC must make a conformity finding that the quality standards are met. To determine this, MTC conducts a transportation air quality conformity analysis. MTC encourages the public to review and comment on this analysis.



How is the TIP funded?

Funding for projects in the TIP comes from you – through taxes, tolls and fees, including local, regional, state and federal funding programs. Major fund sources are administered through the U.S. Department of Transportation’s Federal Highway Administration and Federal Transit Administration, and by the State of California. Various county sales tax measures and regional bridge toll measures provide additional funds. The state of California, transit agencies and local jurisdictions provide dollars to match federal funding or to fully fund certain local projects.





Who develops the TIP?

MTC develops the TIP in cooperation with the Bay Area Partnership of federal, state and regional agencies; county congestion management agencies (CMAs); public transit providers; city and county public works representatives; and the public. The Bay Area Partnership subcommittees provide a forum for managers of the region's transportation system to contribute to the policy-making and investment activities of MTC, and to improve coordination within the region.

Project sponsors must be a government agency (or other qualifying entity, such as certain non-profit organizations that are eligible for some transportation funds) and are responsible for initiating funding requests, applying for funds, and carrying their projects to completion. In the Bay Area, project sponsors include public transit operators, Caltrans, MTC, the Bay Area Air Quality Management District, the county congestion management agencies, the nine Bay Area counties, the individual cities within each county or other special districts.



How does a project get in the TIP?

Often years of planning and public input precede a project's inclusion in the TIP. Although there are several ways in which a project can get in the TIP, the most typical course is described here. *The chart on the next page shows where the TIP lies on the path to completion of a project.*

First, a particular transportation need is identified. In many cases, planners and engineers generate lists of potential improvements based on their needs analyses and public inquiries. The local proposals are in turn reviewed by a city, county, transportation authority, transit operator, or state agency. If the public agency agrees that a particular idea has merit, it may decide to act as the project sponsor, work toward refining the initial idea, develop a clear project cost, scope and schedule, and subsequently seek funding for the project.

Once local agencies develop their list of projects and priorities, they are submitted to MTC for consideration to include in the regional transportation plan. Even if a project is fully funded with local funds, if it is a major project it must still align with the regional plan's goals in order to be included in the plan. Many project sponsors will request funding for their projects that is subject to MTC approval. MTC must balance competing needs and assure that the most critical investment priorities are being addressed within the limits of available funds and that there is consistency among projects and with the region's goals as embodied by the regional transportation plan.

When federal and state discretionary funding becomes available to the region, MTC, guided by the long-range plan in consultation with transportation stakeholders, develops a transportation program for those funds. This involves deciding on criteria for project selection and setting funding levels per project. Depending on the program, projects may be proposed by either MTC, the Bay Area Air Quality Management District, or a county congestion management agency, transit operator, city, county or special district.



Follow a Transportation Project From Idea to

New Project Ideas and Local Review

MTC's Long-Term Regional Transportation Plan

Idea

An idea for a project starts when a transportation need is identified and a new idea is put forward. The idea can surface in any number of ways – from you, a private business, a community group or a government agency.

Local Review

The project idea must be adopted by a formal sponsor – usually a public agency – that may refine the initial idea and develop details for the project. To move forward, the project must be approved by local authorities such as a city council, county board of supervisors or transit agency.

To be eligible for certain regional, state and federal funds, projects must be cleared through the county congestion management agency (CMA), and become part of the Regional Transportation Plan.

The Regional Transportation Plan (RTP)/ Sustainable Communities Strategy (SCS)

Every four years MTC updates the Regional Transportation Plan (RTP), looking forward two to three decades. The plan identifies policies, programs and transportation investments to support the long-term vision for the Bay Area.

The RTP also must identify anticipated funding sources. The RTP can include only those projects and programs that can be funded with revenues reasonably expected to be available during the plan's timeframe. Projects identified in the RTP are generally drawn from the planning efforts of MTC, Association of Bay Area Governments (ABAG), county congestion management agencies, transit agencies and local governments.

State legislation now requires that regional transportation plans incorporate a Sustainable Communities Strategy (SCS) – provisions for reducing greenhouse gas emissions from cars and light trucks by integrating transportation, housing and land-use planning.

How You Can Make a Difference

Get involved in your community!

- ▶ Follow the work of your city council, county board of supervisors or local transit agency.
- ▶ Take notice of plans or improvement programs developed by your city, county or transit agency.
- ▶ Comment on projects proposed by your county CMA or on transportation improvements submitted to MTC for regional, state or federal funding.
- ▶ See page 18 for a list of transportation agencies.

The Regional Transportation Plan is the earliest and best opportunity within the MTC process to comment on and influence projects. A project cannot move forward or receive any federal funds unless it is included in the RTP. MTC support of large projects occurs in the long-range plan and not as part of the TIP.

- ▶ Attend public meetings or open houses to learn about plans and offer your comments
- ▶ Participate in online surveys or forums

Implementation

MTC's Project Selection Process

Construction/Implementation

Once long-term goals, policies and funding initiatives have been set in the RTP, MTC develops program criteria and funds specific projects.

Project Selection Process

Funding Levels Established for RTP Programs/Initiatives: Guided by the RTP and short-term revenue estimates, MTC decides how much funding to apply to programs over a two-to-four-year period at a time.

Project Selection Criteria Developed: For competitive programs under its control, MTC is guided by the RTP and develops and adopts minimum project requirements and criteria to evaluate and prioritize projects.

Project Selection: Depending on the program, projects may be selected using MTC's criteria or by the county congestion management agency, the California Transportation Commission or a transit agency board. Some funding programs are non-competitive, meaning projects are funded according to a pre-determined formula or voter-enacted initiative.

The Transportation Improvement Program (TIP)

The production of the Transportation Improvement Program or TIP is the culmination of MTC's transportation planning and project selection process. The TIP identifies specific near-term projects over a four-year period to move the region toward its transportation vision.

The TIP lists all surface transportation projects for which federal funds or actions by federal agencies are anticipated, along with some of the larger locally and state-funded projects. A project cannot receive federal funds or receive other critical federal project approvals unless it is in the TIP. MTC must update the TIP at least once every four years. It is revised several times a year to add, delete or modify projects.

Environmental Review and Project Development Activities

The project sponsor conducts an environmental review, as required by either the California Environmental Quality Act (CEQA) or the National Environmental Policy Act (NEPA). Final approval of the project design and right-of-way is required by the sponsoring agency and appropriate federal agency (Federal Highway Administration or Federal Transit Administration) if federal funds and/or actions are involved.

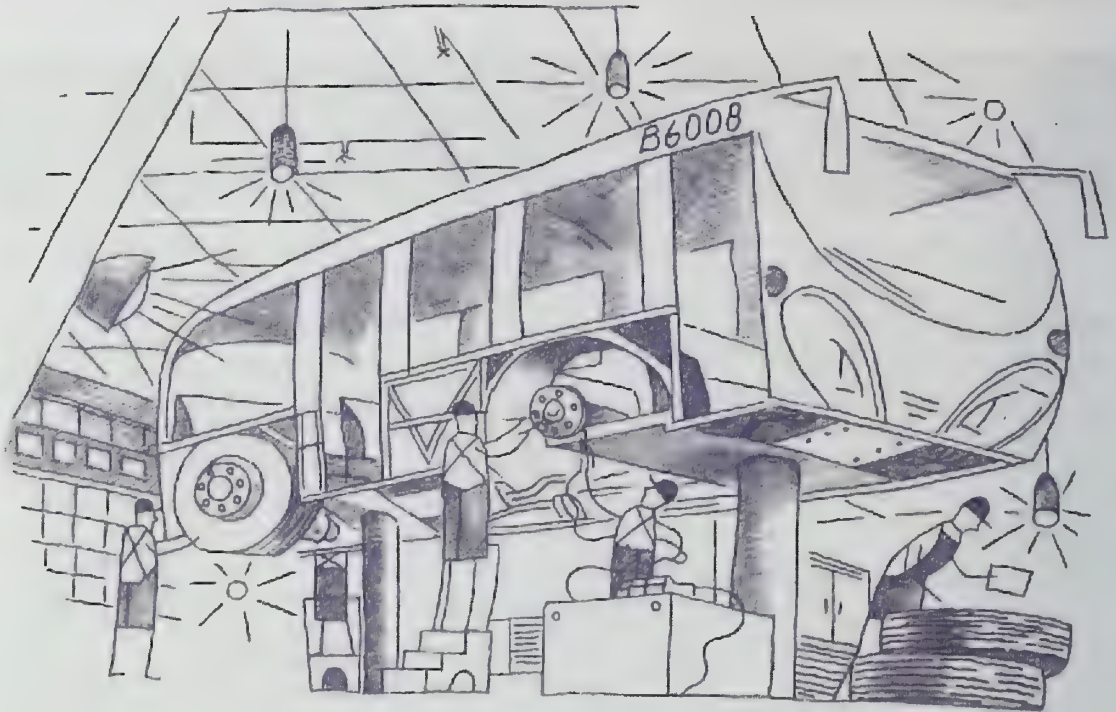
Funding is fully committed by grant approval once the project meets all requirements and moves forward to phases such as preliminary engineering, final design, right-of-way acquisition, or construction.

Get involved in planning for the whole Bay Area at MTC!

- ▶ Comment at MTC committee-level and Commission-level meetings, special public hearings and workshops.
- ▶ Follow the work of MTC's Policy Advisory Council which advises the Commission (www.mtc.ca.gov/get_involved).
- ▶ Check MTC's website for committee agendas and to keep current on activities (www.mtc.ca.gov).
- ▶ Get your name added to MTC's database to receive e-mail updates (info@mtc.ca.gov).

Comment on a project's impacts

- ▶ Comment on the environmental impacts of the project before the environmental document and project receive final approval by the board of the sponsoring agency, or in advance of federal approval, if required.



What happens after a project is included in the TIP?

Once a project is in the TIP, a considerable amount of work still remains to bring it to completion. The designated project sponsor is responsible for ensuring the project moves forward. Projects typically proceed in phases (preliminary engineering, final design, right-of-way acquisition, and construction). Each phase is included in the TIP showing funding and the anticipated schedule. Ideally, a project will advance according to its listed schedule. However, tracking each project's progress is important so that delays can be identified and remedied as soon as possible, and so that funding can be reallocated as necessary.

Once federal funds have been made available for a project's final construction phase, they usually no longer appear in future TIP documents – even though the project may not yet be completed.



In what ways can the public participate?

Public participation occurs during all stages of a project's development. Communicating support or concern to municipal and county officials and transit agency managers is one of the most effective starting points. As local review begins, public input may be provided at formal meetings or informal sessions with local planning boards and staff. Members of the public may also be asked to participate in special task forces to review transportation improvement concepts at the corridor, county and regional level. The MTC's long-range regional transportation plan has an extensive public involvement program including but not limited to workshops, focus groups, surveys, public hearings and opportunities to comment at Commission meetings. Finally, once a project is in the TIP and it enters the preliminary engineering phase, the detailed environmental review process affords yet another opportunity for the public to offer input. An overview of opportunities to get involved during every stage of a project is provided on pages 12 and 13.

MTC's public involvement process aims to give the public ample opportunities for early and continuing participation in transportation project planning, and to provide full public access to key decisions. The public has the opportunity to comment before the TIP is officially adopted by the Commission. MTC conducts a public comment period and holds public meetings to allow the public an opportunity to ask questions about the process and projects. Copies of the TIP are distributed to major libraries; notices are mailed out to an extensive mailing list of interested individuals and agencies along with instructions on how to access and comment on the TIP on the MTC website; and the TIP documents can be viewed on the MTC website at www.mtc.ca.gov/funding/tip/.

MTC extends an open and continuing invitation to the Bay Area public to assist in developing transportation solutions for the region. A comprehensive Public Participation Plan details the many avenues available to groups and individuals who would like to get involved in MTC's work. The plan can be found on MTC's website at www.mtc.ca.gov/get_involved/participation_plan.htm.



Where to turn for more information

Visit the MTC website at www.mtc.ca.gov for more information about the transportation planning and funding process and to obtain schedules and agendas for MTC meetings. Below are direct links to key documents. Some publications mentioned are available at the MTC-ABAG Library.

Resources

The Transportation Improvement Program

www.mtc.ca.gov/funding/tip/

MTC Public Participation Plan

www.mtc.ca.gov/get_involved/participation_plan.htm

The ABCs of MTC

www.mtc.ca.gov/library/abcs_of_mtc/

Project Listing: MTC Fund Management System

www.mtc.ca.gov/funding/fms_intro.htm

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MTC Public Information

(510) 817-5757 or info@mtc.ca.gov

MTC-ABAG Library

(510) 817-5836 or library@mtc.ca.gov





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Si necesita un intérprete del lenguaje de señas, si el inglés es su segundo idioma y necesita un intérprete, o si necesita cualquier otra ayuda por favor comuníquese con nosotros al número 510.817.5757 o al 510.817.5769 para TDD/TTY. Requerimos tres días de anticipación para proveer asistencia razonable.

如果您需要手語翻譯員，或如果英語是您的第二語言，您需要翻譯服務，或者您需要任何其他類型的協助，請致電510-817-5757或致電TDD/TTY電話510-817-5769。我們要求獲得至少三天提前通知才能提供合理的配合安排。



Transportation agencies in the San Francisco Bay Area

Major Transit Operators

Altamont Commuter Express (ACE)

209.944.6220

Alameda-Contra Costa Transit District (AC Transit)

510.891.4777

Bay Area Rapid Transit District (BART)

510.464.6000

Bay Area Water Emergency Transit Authority

415.291.3377

Central Contra Costa Transit Authority (County Connection)

925.676.1976

Eastern Contra Costa Transit Authority (Tri Delta)

925.754.6622

Fairfield/Suisun Transit (FAST)

707.422.2877

Golden Gate Bridge, Highway and Transportation District

415.921.5858

Livermore Amador Valley Transit Authority (WHEELS)

925.455.7500

Marin County Transit District

415.226.0855

Napa County Transportation and Planning Agency (VINE)

707.259.8631

Peninsula Corridor Joint Powers Board (Caltrain)

650.508.6200

San Francisco Municipal

Transportation Agency (SFMTA)

415.701.4500

San Mateo County Transit District (SamTrans)

650.508.6200

Santa Clara Valley Transportation Authority (VTA)

408.321.2300

Santa Rosa Department of Transit and Parking

707.543.3333

Solano County Transit (SolTrans)

707.648.4666

Sonoma County Transit

707.585.7516

Transbay Joint Powers Authority

415.597.4620

Western Contra Costa Transit Authority (WestCAT)

510.724.3331

Major Airports and Seaports Port of Oakland

510.627.1100

Port of San Francisco

415.274-0400

Oakland International Airport

510.563.3300

San Jose International Airport

408.392.3600

San Francisco International Airport

650.821.8211

Regional Agencies**Association of Bay Area Governments**

510.464.7900

Bay Area Air Quality Management District

415.771.6000

Metropolitan Transportation Commission

510.817.5700

San Francisco Bay Conservation and Development Commission

415.352.3600

Congestion Management Agencies**Alameda County Transportation Commission**

510.208.7400

Contra Costa Transportation Authority

925.256.4700

Transportation Authority of Marin

415.226.0815

Napa County Transportation and Planning Agency

707.259.8631

San Francisco County Transportation Authority

415.522.4800

City/County Association of Governments of San Mateo County

650.599.1406

Santa Clara Valley Transportation Authority

408.321.2300

Solano Transportation Authority

707.424.6075

Sonoma County Transportation Authority

707.565.5373

State Agencies**California Air Resources Board**

916.322.2990

California Highway Patrol, Golden Gate Division

707.551.4180

California State Transportation Agency

916.323.5400

California Transportation Commission

916.654.4245

Caltrans, District 4

510.286.4444

Federal Agencies**Environmental Protection Agency, Region 9**

415.947.8021

Federal Highway Administration, California Division

916.498.5001

Federal Transit Administration, Region 9

415.744.3133

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APPENDIX A – 44

2015 TIP Detail

**Air Quality Conformity Analysis
MTC Resolution No. 4176**



**TRANSPORTATION-AIR QUALITY CONFORMITY ANALYSIS
FOR PLAN BAY AREA AND THE DRAFT 2015 TRANSPORTATION
IMPROVEMENT PROGRAM**

Draft: June 17, 2014



**METROPOLITAN
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I. INTRODUCTION

The Metropolitan Transportation Commission (MTC) prepares a transportation air quality conformity analysis when MTC amends or updates its long-range regional transportation plan (RTP), or adds or deletes regionally significant, non-exempt projects into the Transportation Improvement Program (TIP).

The purpose of this conformity analysis is to conform the 2015 TIP and reconfirm Plan Bay Area in accordance with the latest U.S. Environmental Protection Agency (EPA) transportation conformity regulations and the Bay Area Conformity State Implementation Plan (Conformity SIP), which is also known as the Bay Area Air Quality Conformity Protocol (MTC Resolution No. 3757). This conformity analysis addresses the national 8-hour ozone standard, national carbon monoxide standard, and the national 24-hour fine particulate matter (PM_{2.5}) standard.

This report explains the basis for the conformity analysis and provides the results used by MTC to make a positive conformity finding on the 2015 TIP and Plan Bay Area.

Purpose of Conformity Analysis

The Federal Clean Air Act, as amended in 1990 (CAAA) outlines requirements for ensuring that federal transportation plans, programs and projects are consistent with ("conform to") the purpose of the State Implementation Plan (SIP). Conformity to the purpose of the SIP means that transportation activities will not cause new air quality violations, worsen existing violations, or delay timely attainment of the relevant national ambient air quality standards. A conformity finding demonstrates that the total emissions projected for a RTP or TIP are within the emissions limits ("budgets") established by the SIP, and that transportation control measures (TCMs) are implemented in a timely fashion.

Conformity requirements apply in all nonattainment and maintenance areas for transportation-related criteria pollutants and related precursor emissions. For the Bay Area, the criteria pollutants to be addressed are ground-level ozone, carbon monoxide, and PM_{2.5}; and the precursor pollutants to be addressed include volatile organic compounds (VOC) and oxides of nitrogen (NO_x) for ozone and NO_x for PM_{2.5}. EPA's most recent revisions to its transportation conformity regulations to implement the 1990 Federal Clean Air Act section 175A were published in the Federal Register on March 14, 2012¹.

Metropolitan Planning Organizations such as MTC are required to follow these regulations, and any other procedures and criteria contained in the EPA-approved Conformity SIP (Transportation Air Quality Conformity Protocol) for the Bay Area. In the Bay Area, procedures were first adopted in September 1994 to comply with the 1990 CAAA. Four

¹ The current version of the regulations is available on EPA's Transportation Conformity website at <http://www.epa.gov/otaq/stateresources/transconf/regs/420b12013.pdf>.

subsequent amendments to the transportation conformity procedures in August 1995, November 1995, August 1997, and July 2006 have been adopted by the three co-lead agencies (MTC, Association of Bay Area Governments (ABAG), and Bay Area Air Quality Management District (BAAQMD)). MTC Resolution 3757 represents the latest San Francisco Bay Area Transportation Air Quality Conformity Protocol adopted by the three agencies in July 2006. Acting on behalf of the three agencies, the BAAQMD submitted this latest Protocol to California Air Resources Board (CARB) as a revision to the Bay Area Conformity SIP. CARB approved this proposed revision to the Bay Area's Conformity SIP in December 2006, and transmitted it to EPA for final action. EPA approved the Bay Area Conformity SIP in December 2007 (40 CFR Part 52).

These regulations and resolutions state in part that, MTC cannot approve any transportation plan, program or project unless these activities conform to the purpose of the federal air quality plan (officially titled the State Implementation Plan, or SIP). "Transportation plan" refers to the RTP. "Program" refers to the TIP, which is a financially realistic set of highway and transit projects to be funded over the next four years. A "transportation project" is any highway or transit improvement, which is included in the RTP and TIP and requires funding or approval from the Federal Highway Administration (FHWA) or the Federal Transit Administration (FTA). Conformity regulations also affect regionally significant non-federally funded projects which must be included in a conforming transportation plan and program.

Status of Regional Transportation Plan

A Regional Transportation Plan, or RTP, is a long-range plan which includes both long-range and short-range strategies/actions that lead to the development of an integrated multimodal transportation system to facilitate the safe and efficient movement of people and goods in addressing current and future transportation demand. By federal law, the RTP covers a minimum planning horizon of 20 years and is updated every four years in areas which do not meet federal air quality standards. The RTP is financially constrained to the projected transportation revenues that will be reasonably available to the region over the planning period. Once adopted, the RTP guides the development of the TIP for the region.

The latest updated RTP is called Plan Bay Area. Plan Bay Area represents a strategic investment plan to improve asset condition and system performance for Bay Area travelers through 2040. It includes a set of highway, transit, local roadway, bicycle, and pedestrian projects identified through regional and local transportation planning processes. As required by federal and state planning regulations, the long-range plan is financially constrained, identifying investments that are funded within the \$289 billion 28-year revenue estimate.

The Commission adopted Plan Bay Area on July 18th, 2013 (MTC Resolution No. 4111). The FHWA and FTA approved MTC's conformity determination for Plan Bay Area and 2013 Transportation Improvement Program (TIP) MTC Resolution No. 4075 on August 12, 2013.

This conformity analysis serves to conform the 2015 TIP and reconform Plan Bay Area. Refer to **Appendices A1 and B1** for detailed project listing of projects/programs included in the proposed 2015 TIP and Plan Bay Area. See MTC's Plan Bay Area for full details about the plan².

Status of Transportation Improvement Program

The federally required Transportation Improvement Program, or TIP, is a comprehensive listing of Bay Area surface transportation projects that receive federal funds or are subject to a federally required action, or are considered regionally significant for air quality conformity purposes. MTC and the other Metropolitan Planning Organizations (MPOs) in California have historically followed a Caltrans directed update schedule (that is consistent statewide) to update the TIP every two years. The TIP must cover at least a four-year period and contain a priority list of projects grouped by year. The TIP is also financially constrained – meaning that the amount of funding programmed does not exceed the amount of funding reasonably expected to be available. Adoption of the TIP must be accompanied by an air quality conformity analysis and finding, and all projects included in the TIP must be derived from and/or be consistent with the RTP. Whenever a new RTP is adopted, a new air quality conformity analysis must be prepared for the TIP, to ensure consistency between the current Plan (RTP) and Program (TIP).

The Draft 2015 TIP includes projects “programmed” in four fiscal years: FY 2013, FY 2014-15, FY 2015-16, FY 2016-17 and FY 2017-18. This conformity analysis serves to conform the draft 2015 TIP and Plan Bay Area.

Refer to **Appendix B1** for detailed project listing of projects/programs in the 2015 TIP. Note that specific funding sources are identified in the TIP itself. See MTC's draft 2015 TIP for full details about the TIP.

The 2015 TIP and Plan conformity analysis includes updated project delivery information for those projects whose completion years have shifted since adoption of Plan Bay Area and the 2013 TIP. This updated project information required a new conformity analysis to be completed and the analysis does not add any new projects.

Appendix A2 lists the projects in the Draft 2015 TIP which required updates to the milestone years modeled in the conformity analysis and Appendix B2 lists the corresponding milestone year modeling changes for project included in Plan Bay area.

² See MTC's *Plan Bay Area* at: <http://onebayarea.org/>

II. BAY AREA AIR POLLUTANT DESIGNATIONS

National 1-Hour Ozone Standard

On November 6, 1991, the U.S. Environmental Protection Agency (EPA) designated the Bay Area as a moderate ozone non-attainment area. Based on “clean” air monitoring data from 1990 to 1993, the co-lead agencies—BAAQMD, MTC, and ABAG—determined that no ozone violations had occurred and requested the California Air Resources Board (ARB) to forward a redesignation request and an ozone maintenance plan to U.S. EPA.

On May 25, 1995, the Bay Area was classified as an ozone maintenance area, having attained the 1-hour national ozone standard for five years (1990-1994). However, on July 10, 1998 the U.S. EPA published a Notice of Final Rulemaking redesignating the Bay Area back to an ozone non-attainment (unclassified) area. This action was due to violations of the 1-hour standard that occurred during the summers of 1995 and 1996, and became final on August 10, 1998.

On October 31, 2003, U.S. EPA proposed a finding of attainment of the national 1-hour ozone standard for the Bay Area. The proposed finding was based on air quality monitoring data from the 2001, 2002, and 2003 ozone seasons. In April 2004, U.S. EPA made a final finding that the Bay Area had attained the national 1-hour ozone standard. Because of this finding, some of the elements of the 2001 Ozone Attainment Plan, submitted to EPA to demonstrate attainment of the 1-hour standard, were suspended. The finding of attainment did not mean the Bay Area had been reclassified as an attainment area for the 1-hour standard. To be reclassified, the region would have had to submit a formal redesignation request to EPA, along with a maintenance plan showing how the region would continue to attain the standard for ten years. However, this redesignation request was no longer necessary upon the establishment of the new national 8-hour ozone standard.

National 8-Hour Ozone Standard

On April 15, 2004, EPA issued the first phase of the final implementation rule designating and classifying areas not meeting the federal 8-hour ozone standard. This phase of the implementation rule explained how EPA was classifying areas not meeting the national air quality standard for 8-hour ozone. It also established a process for transitioning from implementing the 1-hour standard for ozone to implementing the more protective 8-hour ozone standard. The rule also established attainment dates for the 8-hour standard and the timing of emissions reductions needed for attainment. The 8-hour designations and classifications took effect on June 15, 2004; and one year following this effective date, EPA revoked the 1-hour standard.

In July 1997, U.S. EPA revised the ozone standard, setting it to 0.08 parts per million in concentration-based form, specifically the 3-year average of the annual 4th highest daily maximum 8-hour ozone concentrations. In April 2004, EPA issued final designations for attainment and non-attainment areas. The Bay Area monitoring stations recorded

concentrations that exceeded the national 8-hour ozone standard for 2001, 2002 and 2003. In June 2004, EPA formally designated the Bay Area as a non-attainment area for national 8-hour ozone, and classified the region as “marginal” based on five classes of non-attainment areas for ozone, ranging from marginal to extreme. Marginal, non-attainment areas must attain the national 8-hour ozone standard by June 15, 2007.

On July 1, 2004, EPA published a final rule amending the transportation conformity rule to address the new national 8-hour ozone standard. The amended rule stated that Plans and TIPs in nonattainment areas must be found to conform against the new standard by one year after the effective date of designation – by June 15, 2005 for 8-hour ozone areas. Conformity for the 1-hour ozone standard will no longer apply in existing 1-hour ozone nonattainment and maintenance areas once the 1-hour ozone standard is revoked; this occurred on June 15, 2005. Furthermore, prior to 8-hour budgets being established, all areas with adequate or approved 1-hour motor vehicle emission budgets must use them to demonstrate conformity with the 8-hour ozone standard, unless it is determined through interagency consultation that using the interim emissions tests is more appropriate. The conformity finding in this report is based on the approved 1-hour motor vehicle emissions budget.

In March 2008, EPA lowered the national 8-hour ozone standard from 0.80 parts per million to 0.75 parts per million. On March 12, 2009, ARB submitted its recommendations for area designations for the revised national 8-hour ozone standard. These recommendations were based on ozone air quality data collected during 2006 through 2008. The ARB recommended that the Bay Area be designated as nonattainment for the national 8-hour ozone standard. EPA had one year to review the recommendations and were to notify states by November 12, 2009 if they planned to modify the state-recommended areas. EPA issued final designations by March 12, 2010 based on more up to date monitoring data.

On January 6, 2010, the EPA extended the deadline for designating areas for the March 2008 national ambient air quality standards (NAAQS) for ground-level ozone. This was in light of EPA’s decision to reconsider the ground-level ozone standards set in 2008 because the Clean Air Scientific Advisory Committee, EPA’s panel of science advisors, found the ozone standards not as protective to the health and welfare of the public as recommended. Based on the scientific studies, EPA proposed to set different primary and secondary 8-hour ozone standards to protect public health.

EPA’s final rule designating nonattainment areas for the 2008 ozone NAAQS was published in the Federal Register on May 21, 2012 and was effective July 20, 2012. This rule established initial air quality designations and classifications for the 2008 ozone NAAQS for most areas in the United States, including areas of Indian country.

Concurrent with this designation rule, EPA released an additional final rule that established the approach for classifying nonattainment areas, set attainment deadlines, granted reclassification for selected nonattainment areas in California, and revoked the 1997 ozone standard for transportation conformity purposes. The grace period for showing conformity to the 2008 O₃ standard was started by the May 21, 2012 (77 FR 30088) publication of

designations for this standard. The grace period for completing these conformity analysis ended on July 20, 2013.

National PM_{2.5} Standard

In 1987, The EPA established a standard for particle pollution equal to or smaller than 10 micrometers in diameter. A decade later, the 1997 revision to the standard set the stage for change, when a separate standard was set for fine particulate matter, which are 2.5 micrometers in diameter and smaller. Citing the link between serious health problems and premature death in people with heart or lung disease, the 1997 revision ultimately distinguished and set forth regulation on particle pollutants known as particulate matter 2.5 (PM_{2.5}) and particulate matter 10 (PM₁₀).

In 2006 the EPA revised the air quality standards for particle pollution. Regulations for PM_{2.5} were tightened for the 24-hour fine particle standard, which lowered the level from 65 micrograms per cubic meter ($\mu\text{g}/\text{m}^3$) to 35 $\mu\text{g}/\text{m}^3$. The annual fine particle standard at 15 $\mu\text{g}/\text{m}^3$ remained the same. In that same year, the EPA published a final ruling which established transportation conformity criteria and procedures to determine transportation projects that required analysis for local air quality impacts for PM_{2.5} in non-attainment and maintenance areas. From the 2006 revision, EPA had to complete designations of nonattainment areas by December 2009 for national standard for PM_{2.5}. The newly established criteria and procedures require those areas designated as nonattainment areas must undergo a regional conformity analysis for PM_{2.5}. Furthermore, the procedures also mandate areas designated as nonattainment must complete an additional project-level PM_{2.5} hot-spot analysis of localized impacts for transportation projects of air quality concern.

On December 14, 2009, EPA designated the Bay Area as nonattainment for the national 24-hour PM_{2.5} standard based upon violations of the standard over the three-year period from 2007 through 2009. Pursuant to the Clean Air Act, the Bay Area and MTC were subject to the requirement (beginning on December 14, 2010) to demonstrate that the RTP and TIP conformed to the SIP. In addition, beginning on December 14, 2010, certain roadway and transit projects that involve significant levels of diesel vehicle traffic needed to prepare PM_{2.5} hot-spot analyses.

National 8-Hour Carbon Monoxide Standard

In April 1998, the Bay Area was redesignated to a "maintenance area" for the national 8-hour carbon monoxide (CO) standard, having demonstrated attainment of the standards. As a maintenance area, the region must assure continued attainment of the CO standard.

Approved Motor Vehicle Emissions Budgets and Conformity Tests

The Bay Area has conformity requirements for national ozone, CO, and PM_{2.5} standards. Under the ozone and CO standard, the Bay Area has to meet a motor vehicle emission “budget” test. Because the Bay Area does not have motor vehicle emission budgets for PM_{2.5} that have been determined to be adequate by EPA, it has to meet a motor vehicle emission interim test for the PM_{2.5} standard. To make a positive conformity finding for ozone and CO, MTC must demonstrate that the calculated motor vehicle emissions in the region are lower than the approved budgets. To make a positive “interim” conformity finding for PM_{2.5}, MTC must meet “build not greater than no build” or “build not greater than baseline year” tests based on PM_{2.5} exhaust, tire wear, and brake wear, and NO_x as a PM_{2.5} precursor, emissions.

Motor vehicle emissions budgets for Volatile Organic Compounds (VOC) and Nitrogen Oxides (NO_x), which are ozone precursors, were developed for the 2006 attainment year as part of the 2001 1-hour Ozone Attainment Plan. The VOC and NO_x budgets were found to be adequate by EPA on February 14, 2002 (67 FR 8017) and were subsequently approved by EPA on April 22, 2004 (69 FR 21717). Note that under EPA’s conformity rule for the national 8-hour ozone standard, the existing 1-hour motor vehicle emission budgets are to be used for conformity analyses until they are replaced.

For CO, the applicable motor vehicle emissions budget was developed for the 2004 Revisions to the California State Implementation Plan for Carbon Monoxide (herein referred to as the 2004 Carbon Monoxide Maintenance Plan).

The motor vehicle emission budgets are listed below:

VOC:	164 tons per day (2006 and beyond)
NO _x :	270.3 tons per day (2006 and beyond)
CO:	1,850 tons per day (2003 and 2018 and beyond)

For PM_{2.5}, initially the Bay Area was required to prepare a SIP by December 2012 to show how the region would attain the standard by December 2014. In addition, although the Bay Area was designated as non-attainment for the national 24-hour PM_{2.5} standard based on monitoring data for the 2006-2008 period, the region exceeded the standard by only a slight margin. Since then, Bay Area PM_{2.5} levels have continued to decline. Air quality data from the regional monitoring network shows that the Bay Area met the national 24-hour PM_{2.5} standard during the three-year period from 2008 through 2010, as well as the three-year period from 2009 through 2011.

Under US EPA guidelines, a region with monitoring data showing that it currently attains an air quality standard can submit a “redesignation request” and a “maintenance plan” in lieu of a SIP attainment plan. However, the BAAQMD believes that it would be premature to submit a PM_{2.5} redesignation request for the Bay Area at this time. Instead, the BAAQMD has pursued another option provided by US EPA guidelines for areas with monitoring data showing that they currently meet the PM_{2.5} standard. In December 2011, the Air Resources

Board submitted a “clean data finding” request on behalf of the Bay Area. On January 9, 2013, EPA took final action and determined that the Bay Area attained the 2006 24-hour PM_{2.5} standard. EPA’s determination was based on complete, quality-assured, and certified ambient air monitoring data showing that the area monitored attainment based on the 2009-2011 monitoring period³. Based on EPA’s determination, the requirements for the Bay Area to submit an attainment demonstration, together with reasonably available control measures (RACM), a reasonable further progress (RFP) plan, and contingency measures for failure to meet RFP and attainment deadlines are suspended for so long as the region continues to attain the 2006 24-hour PM_{2.5} standard.

Since an approved motor vehicle emissions budget for PM_{2.5} is not available for use in this conformity analysis, MTC must complete one of the two interim emissions tests:

- the build-no-greater-than-no-build test (“build/no-build test”) found at 40 CFR 93.119(e)(1), or
- the no-greater-than-baseline year emissions test (“baseline year test”), described at 40 CFR 93.119(e)(2).

Per the interagency consultation via the Air Quality Conformity Task Force meeting dated April 24, 2014, MTC elects to use the baseline year test. In this test, conformity would be demonstrated if in each analysis year, the transportation emissions reflected the RTP or TIP (the “build” scenario) are less than or equal to emissions from the transportation system in the “baseline year” on-road source emission inventory.

Under a determination of conformity, the following criteria are applied:

1. The latest planning assumptions and emission models are used.
2. The transportation plan and program pass an emissions budget test using a budget that has been found adequate by EPA or an interim emissions test when budgets have not been established.
3. The transportation plan and program provide for the timely implementation of transportation control measures (TCMs).
4. Interagency and public consultation is part of the process.

III. CONFORMITY ANALYSIS & RESULTS

Approach to Conformity Analysis

MTC has used the latest planning assumptions for the purpose of preparing this conformity analysis. Regional on-road motor vehicle emissions for future years are estimated using MTC’s travel demand forecast model *Travel Model One* (version 0.3), released in spring 2012, calibrated to a 2000 base year, and validated against both year 2000 and year 2005 observed conditions with the most up to date highway and transit networks. In conjunction

³ See <http://www.gpo.gov/fdsys/pkg/FR-2013-01-09/pdf/2013-00170.pdf>

with *Travel Model One*, MTC will also use the ARB's latest model for determining motor vehicle emissions (EMFAC2011-SG).

The MTC travel demand model requires various inputs – demographic assumptions, pricing assumptions, travel behavior assumptions and highway and transit network assumptions. This conformity analysis uses the latest socio-economic/land use forecast data from the Association of Bay Area Government's (ABAG's) *Jobs/Housing Connection*⁴ and the latest validated version of *Travel Model One*.

A separate process was employed to develop socio-economic/land use data for the PM_{2.5} "baseline year" of 2008 and PM_{2.5} attainment year of 2014. The standard Transportation Analysis Zone (TAZ)-level data set provided to MTC by ABAG includes forecasted data in 5-year increments. The calculation of data for the interim years 2008 and 2014 in the proposed Plan Bay Area requires a multi-stop process. First, regional control totals for each attribute for each of the years 2008 and 2014 are calculated using a straight line extrapolation between the two adjacent 5-year increments. Next each TAZ's share of the regional total is calculated by extrapolation of the two adjacent 5-year increments. Finally, individual TAZ totals are calculated by multiplying the interim year TAZ share of the regional total by the regional control total.

In addition, pricing assumptions applied in the travel demand model include projected parking prices, gasoline and non-gasoline auto operating costs, fuel economy, bridge tolls, transit fares, and express lanes. Travel behavior assumptions include trip peaking factors, vehicle occupancy factors, and estimates of interregional commuters. Highway and transit networks were updated for each analysis year to reflect investments in the proposed 2015 TIP (see Appendix A1) and Plan Bay Area (see Appendix B1).

Regional VMT and engine starts (which are needed for emission calculations) are forecasted using a combination of output from MTC's travel demand forecasting model and base year (2000) VMT information provided by the ARB. For conformity purposes, MTC agreed to follow ARB's protocol for estimating VMT.

Refer to **Appendix C** for detailed travel modeling assumptions used in this conformity analysis.

Analysis Years

The analysis years for the budget and baseline year tests are to be a year within five years from the date the analysis is done, the last year of the RTP and intermediate years as necessary so that analysis years are not more than 10 years apart. For this conformity analysis, the analysis years are 2015, 2020, 2030 and 2040 for the 1997 and 2008 ozone and PM_{2.5} standards. The attainment year for the region for the 2008 ozone standard is 2015 and the attainment year for the 2006 PM_{2.5} standard is 2014. For CO, the analysis years are 2015,

⁴ <http://onebayarea.org/related-materials/Document-Archive.html>

2018, 2020, 2030 and 2040. Travel forecast data for year 2018 were interpolated between 2015 and 2020. MTC has prepared separate travel forecasts for the Bay Area for each of these years. These travel forecasts are then applied to calculate motor vehicle emissions.

Consultation Process

MTC has consulted on the preparation of this conformity analysis and other conformity related issues with the Bay Area's Air Quality Conformity Task Force. The Conformity Task Force is composed of representatives of U.S. EPA, ARB, FHWA, FTA, Caltrans, MTC, BAAQMD, ABAG, the nine county Congestion Management Agencies, and Bay Area transit operators. The Conformity Task Force reviews the assumptions going into the analysis, consults on TCM implementation issues, and reviews the results of the conformity analysis. The task force meetings are open to the public. Topics covered in past meetings of the Air Quality Conformity Task Force include the following:

June 2013

- PM_{2.5} Project Conformity Interagency Consultations
- Proposed Final Transportation Air Quality Conformity Analysis for Plan Bay Area/2013 TIP (Task Force review)

July 2013 through March 2014

- PM_{2.5} Project Conformity Interagency Consultations

April 2014

- PM_{2.5} Project Conformity Interagency Consultations
- Proposed Approach Draft Transportation Air Quality Conformity Analysis for the 2015 Transportation Improvement Program (TIP) and Plan Bay Area (Task Force review)

May 2014 and June 2014

- PM_{2.5} Project Conformity Interagency Consultations
- Update on the Draft Air Quality Conformity Analysis for the 2015 TIP and Plan Bay Area

Comparison of Motor Vehicle Emissions to Budgets

As explained earlier, motor vehicle emissions budgets are established in the SIP for VOCs, NO_x and carbon monoxide (CO). To make a positive conformity finding, the regional motor vehicle emissions must be equal to or less than these budgets. The results of the vehicle activity forecasts and motor vehicle emission calculations are shown below for each separate analysis year.

Ozone Motor Vehicle Emission Budgets

For VOC and NO_x, the motor vehicle emission budget also reflects anticipated emission reductions from five Transportation Control Measures (TCMs) incorporated in the 2001 Ozone Attainment Plan (Table 1).

TABLE 1
VOC AND NO_x EMISSIONS BUDGETS FROM 2001 OZONE ATTAINMENT PLAN (TONS/DAY)

VOC	
2006 On Road Motor Vehicle Emissions	168.5
2006 Mobile Source Control Measure Benefits	(4.0)
2006 TCM Benefits	<u>(0.5)</u>
2006 Emissions Budget	164.0
 NO_x	
2006 On Road Motor Vehicle Emissions	271.0
2006 TCM Benefits	<u>(0.7)</u>
2006 Emissions Budget	270.3

TABLE 2
VEHICLE ACTIVITY FORECASTS

	2015	2020	2030	2040
VEHICLES IN USE	4,729,558	4,900,027	5,165,111	5,461,318
Daily VMT (1000s)	169,766	176,425	185,708	196,859
Daily Engine Starts	30,073,622	31,119,826	32,608,246	34,432,478

Carbon Monoxide Maintenance Plan Budget

The budget for carbon monoxide is derived from the 2004 Carbon Monoxide Maintenance Plan. The emission budget for the Bay Area is 1,850 tons per day. This budget applies to all subsequent analysis years as required by federal conformity regulation, including: any interim year conformity analyses, the 2018 horizon year, and years beyond 2018.

Comparison of Estimated Regional Motor Vehicle Emissions to the Ozone Precursor and CO Budgets

The motor vehicle activity forecasts for Draft 2015 TIP and Plan Bay Area for the various horizon years are converted to motor vehicle emission estimates by MTC using EMFAC2011.

Table 3A and 3B compares the results of the various analyses with the applicable budgets. The analyses indicate that the motor vehicle emissions are substantially below the budget, due in large part to the effects of cleaner vehicles in the California fleet and the enhanced Smog Check program now in effect in the Bay Area and reflected in the EMFAC model. With respect to the new Maintenance Plan motor vehicle emission budget for CO, Table 3B shows that calculated motor vehicle emissions will be well below the new budget of 1,850 tons per day in 2018 as well.

The estimated effectiveness of the various Transportation Control Measures, given their current implementation status is shown in Table 4. TCMs A through E are fully implemented. They have achieved the required cumulative total emission reductions of 0.5 tons per day of VOC and 0.7 tons per day of NO_x by 2006.

**TABLE 3A
EMISSIONS BUDGET COMPARISONS FOR OZONE PRECUSORS
(TONS/DAY)***

Year	VOC Budget**	On-Road Motor Vehicles VOC	TCMs***	Net Emissions
2015	164.0	55.45	(0.3)	55.15
2020	164.0	40.81	(0.3)	40.51
2030	164.0	31.65	(0.3)	31.35
2040	164.0	30.23	(0.3)	29.93

Year	NO _x Budget	On-Road Motor Vehicles NO _x	TCMs***	Net Emissions
2015	270.3	110.23	(0.5)	109.73
2020	270.3	73.80	(0.5)	73.30
2030	270.3	48.89	(0.5)	48.39
2040	270.3	47.79	(0.5)	47.29

* Emissions for summertime conditions

** 2001 Ozone Attainment Plan

***The transit services for TCM A Regional Express Bus Program were modeled. The emission benefits from TCM A are therefore included in the On-Road Motor Vehicles VOC and NO_x emission inventories for 2006 and beyond.

TABLE 3B
EMISSIONS BUDGET COMPARISONS FOR CARBON MONOXIDE
(TONS/DAY)*

Year	2004 CO Budget**	Estimated CO
2015	1,850	525.98
2018	1,850	421.60 ***
2020	1,850	352.01
2030	1,850	248.41
2040	1,850	240.90

*Emissions for wintertime conditions

**2004 Revision to the California State Implementation Plan for Carbon Monoxide, Updated Maintenance Plan for 10 Federal Planning Areas

***Estimated CO emissions for 2018 are extrapolated from the 2015 and 2020 analysis years.

TABLE 4
EMISSIONS REDUCTIONS FOR TRANSPORTATION CONTROL MEASURES (TCMS) A – E IN
STATE IMPLEMENTATION PLAN THROUGH DECEMBER 2006 (TONS PER DAY)

TCM	VOC Emission Reductions through December 2006	NOx Emission Reductions through December 2006
TCM A Regional Express Bus Program	0.20	0.20
TCM B Bicycle/Pedestrian Program	0.04	0.03
TCM C Transportation for Livable Communities	0.08	0.12
TCM D Expansion of Freeway Service Patrol	0.10	0.25
TCM E Transit Access to Airports	0.09	0.13
Total Reductions	0.5	0.7

Baseline Year Emissions Test for PM_{2.5}

For the Baseline Year test, emissions for both directly emitted PM_{2.5} and NOx (as the precursor to PM_{2.5} emissions) were compared to the analysis years of 2015, 2020, 2030 and 2040. The analysis used inputs for the winter season, during which the Bay Area experiences its highest levels of PM_{2.5} concentrations.

The motor vehicle activity forecasts for Draft 2015 TIP and Plan Bay Area for the planned transportation system scenarios across the various horizon years, the PM_{2.5} baseline year (2008) and the PM_{2.5} attainment year (2014) are shown in Table 5. These forecasts are converted to motor vehicle emission estimates by MTC using EMFAC2011.

Table 6 presents the results of the Baseline Year test for the PM_{2.5} emissions and the NO_x precursor. The analyses indicate that the motor vehicle emissions are lower in the analysis years than in the Baseline Year. This is due in large part to the transportation investments included in the Plan and Program (such as transit services, express lanes, freeway operational

improvements, roadway improvements, etc.) and its responsiveness to growth in population and associated travel demand over the next 28 years.

TABLE 5
VEHICLE ACTIVITY FORECASTS FOR THE PM_{2.5} BASELINE YEAR TEST

	2008 Baseline Year	2014 Attainment Year	2015	2020	2030	2040
Vehicles In Use	4,596,718	4,710,130	4,729,558	4,900,027	5,165,111	5,461,318
Daily VMT (1000s)	166,041	168,861	169,766	176,425	185,708	196,859
Engine Starts	29,321,651	29,964,074	30,073,622	31,119,826	32,608,246	34,432,478

TABLE 6
EMISSIONS COMPARISON FOR THE PM_{2.5} BASELINE YEAR TEST *

	2008 Baseline Year	2014 Attainment Year	2015	2020	2030	2040
PM_{2.5}	7.63	5.51	5.24	5.03	5.29	5.64
NO_x	217.85	136.04	123.41	82.44	54.36	52.89

*Emissions for wintertime only

IV. TRANSPORTATION CONTROL MEASURES

History of Transportation Control Measures

Transportation control measures (TCMs) are strategies to reduce vehicle emissions. They include such strategies as improved transit service and transit coordination, ridesharing services and new carpool lanes, signal timing, freeway incident management, increased gas taxes and bridge tolls to encourage use of alternative modes, etc. The original set of TCMs plus the five most recent TCMs (A-E) have been fully implemented. The TCMs were added over successive revisions to the SIP (see Table 7). For more information on TCMs 1-28, which are completed, see the *Transportation Air Quality Conformity Analysis for the 2001 Regional Transportation Plan and FY 2001 Transportation Improvement Program Amendment 01-32 (February 2002)*. This report can be found in the MTC/ABAG Library.

- Twelve (12) ozone measures were originally listed in the 1982 Bay Area Air Quality Plan.
- In response to a 1990 lawsuit in the federal District Court, sixteen (16) additional TCMs were subsequently adopted by MTC in February 1990 as contingency measures to bring the region back on the "Reasonable Further Progress" (RFP) line. The Federal District order issued on May 11, 1992, found that these contingency TCMs were sufficient to bring the region back on the RFP track anticipated in the SIP. These measures became part of the SIP when U.S. EPA approved the 1994 Ozone Maintenance Plan.

- Two (2) transportation control measures from the 1982 Bay Area Air Quality Plan apply to Carbon Monoxide control strategies, for which the region is in attainment with the federal standard, and primarily targeted downtown San Jose (which had the most significant CO problem at that time.) MTC also adopted a set of TCM enhancements in November 1991 to eliminate a shortfall in regional carbon monoxide emissions identified in the District Court's April 19, 1991 order. Carbon monoxide standards have been achieved primarily through the use of oxygenated/reformulated fuels in cars and with improvements in the Smog Check program.
- As part of EPA's partial approval/partial disapproval of the 1999 Ozone Attainment Plan, four (4) TCMs were deleted from the ozone plan (but two of these remain in the Carbon Monoxide Maintenance Plan).
- Five (5) new Transportation Control Measures were adopted as part of the new 2001 1-Hour Ozone Attainment Plan and were fully funded in the 2001 TIP and 2001 Regional Transportation Plan.

With respect to TCM 2 from the 1982 SIP, there was a protracted debate, leading to a citizens lawsuit in federal court, about the obligations associated with this TCM. On April 6, 2004 MTC prevailed in the U.S. Court of Appeals for the Ninth Circuit which concluded that TCM 2 does not impose any additional enforceable obligation on MTC to increase ridership on public transit ridership by 15% over 1982-83 levels by November 2006 (Bayview Hunters Point Community Advocates v. Metropolitan Transportation Com'n, (2004 WL 728247, 4 Cal. Daily Op. Serv. 2919, 2004 Daily Journal D.A.R. 4209, 9th Cir.(Cal.), Apr 06, 2004)). Thus TCM 2 has been resolved, and there are no further implementation issues to address in this TCM.

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TABLE 7
Transportation Control Measures (TCMs) in the State Implementation Plan

<i>TCM</i>	<i>Description</i>
<i>Original TCMs from 1982 Bay Area Air Quality Plan</i>	
TCM 1	Reaffirm Commitment to 28 percent Transit Ridership Increase Between 1978 and 1983
TCM 2	Support Post-1983 Improvements in the Operators' Five-Year Plans and, After Consultation with the Operators, Adopt Ridership Increase Target for the Period 1983 through 1987
TCM 3	Seek to Expand and Improve Public Transit Beyond Committed Levels
TCM 4	High Occupancy Vehicle (HOV) Lanes and Ramp Metering
TCM 5	Support RIDES Efforts
TCM 6*	Continue Efforts to Obtain Funding to Support Long Range Transit Improvements
TCM 7	Preferential Parking
TCM 8	Shared Use Park and Ride Lots
TCM 9	Expand Commute Alternatives Program
TCM 10	Information Program for Local Governments
TCM 11**	Gasoline Conservation Awareness Program (GasCAP)
TCM 12**	Santa Clara County Commuter Transportation Program
<i>Contingency Plan TCMs Adopted by MTC in February 1990 (MTC Resolution 2131)</i>	
TCM 13	Increase Bridge Tolls to \$1.00 on All Bridges
TCM 14	Bay Bridge Surcharge of \$1.00
TCM 15	Increase State Gas Tax by 9 Cents
TCM 16*	Implement MTC Resolution 1876, Revised — New Rail Starts
TCM 17	Continue Post-Earthquake Transit Services
TCM 18	Sacramento-Bay Area Amtrak Service
TCM 19	Upgrade Caltrain Service
TCM 20	Regional HOV System Plan
TCM 21	Regional Transit Coordination
TCM 22	Expand Regional Transit Connection Ticket Distribution
TCM 23	Employer Audits
TCM 24	Expand Signal Timing Program to New Cities
TCM 25	Maintain Existing Signal Timing Programs
TCM 26	Incident Management on Bay Area Freeways
TCM 27	Update MTC Guidance on Development of Local TSM Programs
TCM 28	Local Transportation Systems Management (TSM) Initiatives
<i>New TCMs in 2001 Ozone Attainment Plan</i>	
TCM A	Regional Express Bus Program
TCM B	Bicycle/Pedestrian Program
TCM C	Transportation for Livable Communities
TCM D	Expansion of Freeway Service Patrol
TCM E	Transit Access to Airports

*Deleted by EPA action from ozone plan

**Deleted by EPA action from ozone plan, but retained in Carbon Monoxide Maintenance Plan.

Source: Bay Area Air Quality Management District, Metropolitan Transportation Commission, 2001.

Status of Transportation Control Measures

TCMs A-E were approved into the SIP as part of EPA's Finding of Attainment for the San Francisco Bay Area (April 2004). The conformity analysis must demonstrate that TCMs are being implemented on schedule (40 CFR 93.113). TCMs A-E have specific implementation steps which are used to determine progress in advancing these TCMs (see Table 8). TCMs A-E are now fully implemented.

TABLE 8
IMPLEMENTATION STATUS OF FEDERAL TRANSPORTATION CONTROL MEASURES FOR OZONE (TCMS A – E)

#	TCM	Description	Ozone Attainment Plan Implementation Schedule	Implementation Status
A	Regional Express Bus Program	Program includes purchase of approximately 90 low emission buses to operate new or enhanced express bus services. Buses will meet all applicable ARB standards, and will include particulate traps or filters. MTC will approve \$40 million in funding to various transit operators for bus acquisition. Program assumes transit operators can sustain service for a five year period. Actual emission reductions will be determined based on routes selected by MTC.	FY 2003. Complete once \$40 million in funding pursuant to Government Code Section 14556.40 is approved by the California Transportation Commission and obligated by bus operators	\$40 million for this program was allocated by the CTC in August 2001. The participating transit operators have ordered and received a total of 94 buses. All buses are currently in operations. TCM A is fully implemented.
B	Bicycle / Pedestrian Program	Fund high priority projects in countywide plans consistent with TDA funding availability. MTC would fund only projects that are exempt from CEQA, have no significant environmental impacts, or adequately mitigate any adverse environmental impacts. Actual emission reductions will be determined based on the projects funded.	FY 2004 – 2006. Complete once \$15 million in TDA Article 3 is allocated by MTC.	MTC allocated over \$20 million in TDA Article 3 funds during FY2004, FY2005, and FY2006. TCM B is fully implemented.

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#	TCM	Description	Ozone Attainment Plan Implementation Schedule	Implementation Status
C	Transportation for Livable Communities (TLC)	Program provides planning grants, technical assistance, and capital grants to help cities and nonprofit agencies link transportation projects with community plans. MTC would fund only projects that are exempt from CEQA, have no significant environmental impacts, or adequately mitigate any adverse environmental impacts. Actual emission reductions will be based on the projects funded.	FY 2004 – 2006. Complete once \$27 million in TLC grant funding is approved by MTC	In December 2003, the Commission reaffirmed its commitment of \$27 million annually over 25 years for the TLC program as part of Phase 1 of the Transportation 2030 Plan. MTC and the county Congestion Management Agencies (CMAs) have approved over \$27 million in TLC grant funding by FY 2006. In November 2004, MTC approved \$500,000 for regional TLC Community Design Planning Program, and in December 2004, MTC approved \$18.4 million in TLC funding for the regional TLC Capital program. As of December 2006, CMAs in Alameda, Marin and Sonoma counties approved an additional \$12.4 million in their county-level TLC Capital programs for a regional total of \$31.2 million.
D	Additional Freeway Service Patrol	Operation of 55 lane miles of new roving tow truck patrols beyond routes which existed in 2000. TCM commitment would be satisfied by any combination for routes adding 55 miles. Tow trucks used in service are new vehicles meeting all applicable ARB standards.	FY 2001. Complete by maintaining increase in FSP mileage through December 2006	TCM C is fully implemented. FSP continues to maintain the operation of the 55 lane miles of new roving tow truck coverage. This level of service was maintained through 2006. FSP continues to expand its service areas. TCM D is fully implemented.
E	Transit Access to Airports	Take credit for emission reductions from air passengers who use BART to SFO, as these reductions are not included in the Baseline.	BART – SFO service to start in FY 2003. Complete by maintaining service through December 2006	Service began June 2003. Service adjustments have been made since start of revenue service. The BART to SFO service has been maintained through 2006 and is continued. TCM E is fully implemented.

V. RESPONSE TO PUBLIC COMMENTS

To be updated

VI. Conformity Findings

Based on the analysis, the following conformity findings are made:

- This conformity assessment was conducted consistent with U.S. EPA's transportation conformity regulations and with the Bay Area Air Quality Conformity Protocol adopted by MTC as Resolution No. 4076.
- 2015 Transportation Improvement Program and Plan Bay Area provide for implementation of TCMs pursuant to the following federal regulation:
 - (1) *An examination of the specific steps and funding source(s) needed to fully implement each TCM indicates that TCMs which are eligible for funding under title 23 U.S.C. or the Federal Transit Laws are on or ahead of the schedule established in the applicable implementation plan, or, if such TCMs are behind the schedule established in the applicable implementation plan, the MPO and DOT have determined that past obstacles to implementation of the TCMs have been identified and have been or are being overcome, and that all State and local agencies with influence over approvals or funding for TCMs are given maximum priority to approval or funding to TCMs over other projects within their control, including projects in locations outside the non-attainment or maintenance area.*
 - (2) *If TCMs in the applicable implementation plan have previously been programmed for Federal funding but the funds have not been obligated and the TCMs are behind the schedule in the implementation plan, then the TIP cannot be found to conform if the funds intended for those TCMs are reallocated to projects in the TIP other than TCMs, or if there are no other TCMs in the TIP, if the funds are reallocated to projects in the TIP other than projects which are eligible for Federal funding intended for air quality improvements projects, e.g., the Congestion Mitigation and Air Quality Improvement Program.*
 - (3) *Nothing in the TIP may interfere with the implementation of any TCM in the applicable implementation plan. (40 CFR Part 93.113(c)).*
- For the two ground-level ozone precursors (VOC and NO_x), motor vehicle emissions in Draft 2015 Transportation Improvement Program and Plan Bay Area are lower than the applicable motor vehicle emission budgets for the 1997 and the 2008 national 8-hour ozone standards.
- For carbon monoxide, motor vehicle emissions in 2015 Transportation Improvement Program and Plan Bay Area are lower than the transportation conformity budget in the SIP.

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- For $PM_{2.5}$ and NO_x , the Baseline Year test shows that the motor vehicle emissions are lower under the Build scenario for the various analysis years when compared to the baseline year emissions scenario.

Appendix A1

List of Projects in the Draft 2015 Transportation Improvement Program

List of 2015 TIP Projects by County

Appendix - A1

County	TIP ID	RTP ID	Sponsor	Project	Project Description	Description of Change	Air Quality Description	Conformity Analysis Year*
Regionally Non-Exempt Projects								
Alameda	ALA050002	21451	San Leandro	SR 185 - E. 14th St/Hesperian Blvd/150th Ave	San Leandro: 150th/E. 14th/Hesperian; construct NB left turn Ln from Hesperian to E.14th, EB left turn Ln from E.14th to 150th Av & SB Ln from Hesperian to 150th and other traffic circulation	2015 TIP Development	NON-EXEMPT	2020
Alameda	ALA050006	230083	ACTC	I-580 (TriValley) Right of Way Preservation	I-580 Corridor (TriValley): Preserve ROW along I-580 from Hacienda to Greenville for future transit in the median.	2015 TIP Development	NON-EXEMPT	2040
Alameda	ALA050014	22776	ACTC	SR 84 Expressway Widening	In Livermore: Widen Route 84 from Jack London Blvd. to Pigeon Pass.	2015 TIP Development	NON-EXEMPT	2020
Alameda	ALA050015	21132	BART	BART - Warm Springs Extension	Fremont: Fremont BART station to Warm Springs; Extend BART service to the Southern end of Alameda County including provisions for a future, new station at Irvington. Project also references RTP ID	2015 TIP Development	NON-EXEMPT	2015
Alameda	ALA050019	22769	ACTC	I-880 North Safety Improvements	Oakland: I-880 between 23rd Ave to 29th Ave; Reconfigure interchange, including new ramps.	2015 TIP Development - Retain this project in the TIP for informational purposes as it is ongoing	NON-EXEMPT	2020
Alameda	ALA070014	22100	San Leandro	I-880/SR 112 Overcrossing Replacement	San Leandro: at the I-880/SR 112 (Davis St.); Replace overcrossing and widening roadway including interchange landscaping and bridge architectural features.	2015 TIP Development - Retain this project in the TIP for informational purposes	NON-EXEMPT	2015
Alameda	ALA070018	21116	ACTC	I-580 (TriValley) Corridor - WB HOV & Connectors	I-580 (TriValley) Corridor: WB HOV lane on I-580 from east of Greenville Rd to Foothill Rd, HOV direct connectors from WB I-580 to SB I-680 and NB I-680 to EB I-580, WB Aux Lanes between Airway Blvd and	2015 TIP Development - Retain this project in the TIP for informational purposes as it is ongoing	NON-EXEMPT	2015
Alameda	ALA070020	21116	ACTC	I-580 (TriValley) Corridor - EB HOV Lanes	I-580 (TriValley) Corridor: From east of Greenville Road to Hacienda Dr.; Construct Eastbound HOV lanes (includes auxiliary lanes). Sub-project of TIP ID ALA050006.	2015 TIP Development - Retain this project in the TIP for informational purposes as it is ongoing	NON-EXEMPT	2015
Alameda	ALA070042	22670	ACTC	I-880 SB HOV Lanes - Marina Blvd to Hegenberger	I-880 Corridor: From Marina Blvd in San Leandro to Hegenberger in Oakland; Construct new SB HOV lanes and reconstruction of interchanges at Marina Blvd and Davis St. and soundwall construction.	2015 TIP Development	NON-EXEMPT	2015
Alameda	ALA090004	22664	ACTC	I-580 WB HOT Corridor Project	I-580 Westbound: Convert the HOV lanes to HOT Lanes. Convert the I-580 westbound HOV lane to an express lane from Greenville Road to San Ramon Road/Foothill Road. Project references RTP IDs 21116	2015 TIP Development - Retain this project in the TIP for informational purposes as it is ongoing	NON-EXEMPT	2015
Alameda	ALA090010	21472	Pleasanton	I-680/Bernal Avenue interchange improvements	Pleasanton: I-680/Bernal Avenue interchange improvements. Phased project with reconfiguration of SB ramp, widening of NB ramp	2015 TIP Development - Retain this project in the TIP for informational purposes as it is ongoing	NON-EXEMPT	2015
Alameda	ALA090012	230066	San Leandro	I-880/Marina Blvd Interchange and Overcrossing Rep	San Leandro: I-880/Marina Blvd. Replace overcrossing and widening roadway plus ramp interchange reconfiguration, intersection improvements including interchange landscaping and bridge architectural	2015 TIP Development - Update the funding plan	NON-EXEMPT	2015
Alameda	ALA090013	21489	Pleasanton	I-580 / Foothill Road interchange improvements	Pleasanton: I-580/ Foothill Road. Reconfiguration of EB ramps including bike/pedestrian-related improvements	2015 TIP Development - Retain this project in the TIP for informational purposes as it is ongoing	NON-EXEMPT	2015
Alameda	ALA090015	21123	Union City	Union City Intermodal Station Infrastructure	Union City: Expand Union City BART Station to Complete Pedestrian Connection and Rail Station	2015 TIP Development - Retain this project in the TIP for informational purposes as the project is ongoing	NON-EXEMPT	2020
Alameda	ALA090016	240562	Hayward	RT 92/Clawiter/Whitesell Interchange Improvements	Hayward: Rt 92/Clawiter Rd. Upgrade existing Clawiter interchange. Add ramps and overcrossing for Whitesell St. extension. Signalize ramp intersections.	2015 TIP Development	NON-EXEMPT	2020
Alameda	ALA090018	240394	ACTC	Truck Parking Facilities in North County (Phase I)	Alameda County: Provide safe parking facilities in north part of Alameda County.	2015 TIP Development	NON-EXEMPT	2040
Alameda	ALA090019	230091	ACTC	Corridor Mobility Program & Adaptive Ramp Metering	Central Alameda County: I-880/ I-238/ I-580. Install monitoring and signalization I-880, I-238 and I-580.	2015 TIP Development - Update the funding plan	NON-EXEMPT	2020
Alameda	ALA090020	230054	Hayward	I-880 Auxiliary lanes at Industrial Parkway	Hayward: Construct auxiliary lanes on I-880, NB between Industrial Pkwy and Alameda Creek and SB between Industrial Pkwy and Whipple Rd	2015 TIP Development - Update the funding plan	NON-EXEMPT	2020
Alameda	ALA090021	230052	Hayward	I-880 NB and SB Auxiliary lanes	Hayward: NB and SB I-880 between West A and Winton, NB I-880 between A St and Paseo Grande.	2015 TIP Development - Update the funding plan	NON-EXEMPT	2040
Alameda	ALA090022	240389	Alameda County	Estuary Bridges Seismic Retrofit and Repairs	Oakland: Seismic retrofit and repairs of 3 Oakland Estuary bridges	2015 TIP Development - Update the funding plan	NON-EXEMPT	2040

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County	TIP ID	RTP ID	Sponsor	Project	Project Description	Description of Change	Air Quality Description	Conformity Analysis Year*
Alameda	ALA090025	240076	ACTC	I-580 WB Auxiliary Lane, First to Isabel	I-580 (TriValley) Corridor: westbound auxiliary lanes between First Ave and Isabel Ave along I-580 in the Tri-Valley. This project is a sub-project of, and is being implemented with, TIP ID ALA070018.	2015 TIP Development - Retain this project in the TIP for informational purposes as it is ongoing	NON-EXEMPT	2015
Alameda	ALA090026	22760	Port of Oakland	Outer Harbor Intermodal Terminals (OHIT)	In Oakland: OHIT, a proposed intermodal rail complex, will be located on the former Oakland Army Base and adjacent land. This listing only includes segments implemented by the Port of Oakland. For City	2015 TIP Development - Update the funding plan	NON-EXEMPT	2040
Alameda	ALA090027	22082	Port of Oakland	7th Street Grade Separation and Roadway Improvements	In Oakland: the 7th Street Grade Separation will separate truck traffic on 7th St from rail movements between expanded rail facilities at the Port and the rail mainline north of 7th St and existing rail facilities	2015 TIP Development	NON-EXEMPT	2040
Alameda	ALA110001	240014	WETA	Central Bay Operations and Maintenance Facility	WETA: Construct a central bay operations and maintenance facility.	2015 TIP Development - Retain this project in the TIP for informational purposes as it is ongoing	NON-EXEMPT	2015
Alameda	ALA110002	240025	ACTC	I-880/Industrial Parkway West Interchange	AI I-880/Industrial Parkway West: reconstruct interchange, add on/off-ramp lanes, widen ramp lanes, provide HOV bypass lanes and routine accommodation for bicyclists and pedestrians.	2015 TIP Development - Update the funding plan	NON-EXEMPT	2040
Alameda	ALA110003	240374	BART	Hayward Shop and Yard Expansion	Expansion of the Hayward Shop and Yard to accommodate additional rail vehicles for storage, maintenance and repair.	2015 TIP Development - Retain this project in the TIP for informational purposes as it is ongoing	NON-EXEMPT	2020
Alameda	ALA110036	94012	Union City	Union City BART East Plaza Enhancements	In Union City: Union City Intermodal Station: Construction of the East Plaza and loop road within the emerging transit-oriented Station District adjacent to the Union City Intermodal Station.	2015 TIP Development - Retain this project in the TIP for informational purposes as it is ongoing	NON-EXEMPT	2040
Alameda	ALA110045	240746	Fremont	Walnut Argonaut Lane Reduction & Roundabout	In the City of Fremont: On Walnut Avenue and Argonaut Way narrow the roadway from four lanes to two lanes. At the intersection of Walnut/Argonaut/Parkhurst Drive construct new roundabout.	2015 TIP Development - Retain this project in the TIP for informational purposes as it is ongoing	NON-EXEMPT - Not Regionally Significant Project	2040
Alameda	ALA110046	240024	Oakland	Oakland Army Base Infrastructure Improvements	In Oakland: the Oakland Army Base and the West Oakland Redevelopment Areas: Implementing Army Base Infrastructure Master Plan and completing West Oakland Specific Plan. Includes TCIF OHIT Impl. by	2015 TIP Development - Update the funding plan	NON-EXEMPT	2020
Alameda	ALA110104	240024	MTC	SFOBB Gateway Park	SFOBB Gateway Park in Alameda County, in Oakland at the Oakland Touchdown of the new East Span of the Bay Bridge	2015 TIP Development	NON-EXEMPT	2020
Alameda	ALA130001	21484	Fremont	Widen Kato Rd from Warren Avenue to Milmont Drive	In Fremont: Widen Kato Road from Warren Avenue to Milmont Drive. Widen Kato Road to four lanes and install bike lanes on both sides of the roadway and modify traffic signal at Kato Rd/Milmont Ave.	2015 TIP Development - Update the funding plan	NON-EXEMPT	2020
Alameda	ALA130005	240038	Dublin	Dougherty Road widening	Project is located in Dublin. It will widen the existing Dougherty Road from Sierra Lane to North City Limit from 4 lanes to 6 lanes to address congestion and delays.	2015 TIP Development	NON-EXEMPT	2015
Alameda	ALA130006	240250	Dublin	Dublin Boulevard widening	In Dublin: Dublin Blvd between Sierra Court and Dublin Court: Widen from 4 lanes to 6 lanes.	2015 TIP Development	NON-EXEMPT	2015
Alameda	ALA130014	240381	Oakland	7th Street West Oakland Transit Village, Phase II	In Oakland: On 7th Street between Wood Street and Peralta Street. Project includes road diet, bicycle lanes, sidewalk enhancement, and pedestrian amenities.	2015 TIP Development - update expanded project description to clarify scope and update the funding plan	NON-EXEMPT - Not Regionally Significant Project	2040
Alameda	ALA130015	240381	Oakland	Lake Merritt BART Bikeways	Oakland: Various Streets near the Lake Merritt BART Station: Implement road diets, install high quality bikeways and curb ramps, and resurface the street	2015 TIP Development	NON-EXEMPT - Not Regionally Significant Project	2040
Alameda	ALA130017	240381	Oakland	Oakland - Peralta and MLK Blvd Streetscape Phase I	Oakland: Peralta St from 3rd St to 36th St and MLK Jr. Blvd. from West Grand to 40th St: Phase 1 components include bike lanes and racks, street lights, landscaping, new sidewalks and pedestrian	2015 TIP Development - update the expanded description to clarify scope	NON-EXEMPT - Not Regionally Significant Project	2040
Alameda	ALA130024	240381	Oakland	Lakeside Complete Streets and Road Diet	Oakland: Along Harrison Street and Lakeside Drive between 19th Street and Grand Avenues and on Grand between Harrison and Bellevue: implement road diet and install bike and pedestrian facilities	2015 TIP Development - Update the funding plan	NON-EXEMPT - Not Regionally Significant Project	2040

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List of 2015 TIP Projects by County

County	TIP ID	RTP ID	Sponsor	Project	Project Description	Description of Change	Air Quality Description	Conformity Analysis Year*
Alameda	ALA130025	240391	Fremont	Fremont City Center Multi-Modal Improvements	Fremont: Capital Ave from State St to Fremont Blvd: Construct roadway extension; Various locations around Fremont City Center and Fremont BART Station: Implement multi-modal improvements to	2015 TIP Development - Updated funding plan to reflect obligation of funds	NON-EXEMPT - Not Regionally Significant Project	2040
Alameda	ALA130026	240391	Berkeley	Shattuck Complete Streets and De-couplet	Berkeley: Shattuck Ave, Shattuck Square and Berkeley Square from Alston Way to University Ave intersection: Reconfigure travel lanes and parking, repair pavement and make other improvements	2015 TIP Development - Update the funding plan	NON-EXEMPT - Not Regionally Significant Project	2040
Alameda	ALA130027	240386	Newark	Enterprise Drive Complete Streets and Road Diet	Newark: Enterprise Drive between Filbert Street and approximately 350 feet west of Wells Avenue adjacent to the Dumbarton Transit Oriented Development plan area: Implement Road Diet and rehabilitate	2015 TIP Development	NON-EXEMPT - Not Regionally Significant Project	2040
Alameda	ALA130028	240381	Berkeley	Hearst Avenue Complete Streets	In Berkeley: Hearst St from Shattuck Ave to Gayley/La Loma: Implement access and safety improvements to Downtown Berkeley PDA for all modes, includes a road diet from Shattuck Ave to Euclid Ave	2015 TIP Development	NON-EXEMPT - Not Regionally Significant Project	2040
Alameda	ALA130031	240050	ACTC	I-580 Eastbound Express/HOT Lanes	Alameda County: I-580 (Tri-valley) Corridor: From East of Greenville Rd to Hacienda Drive: Convert EB HOV Lanes to HOT Lanes (a two-lane Express Lane facility). This project references RTP IDs 21116 and	2015 TIP Development - Update the funding plan	NON-EXEMPT	2015
Alameda	ALA130032	240182	BART	BART Metro Priority Track Elements	BART: In Lafayette, Dublin and Millbrae: Provide three critical track extensions in order to provide the BART system with additional operational flexibility and additional capacity, all within existing right-of-	2015 TIP Development - Update the funding plan	NON-EXEMPT	2040
Alameda	ALA130034	22042	ACTC	I-680 NB HOV/HOT Lane	Route I-680: from State Route 237 in Santa Clara County to State Route 84 in Alameda County, construct NB HOV/HOT Lane.	2015 TIP Development - Update the funding plan	NON-EXEMPT	2020
Alameda	ALA150001	240062	ACTC	Route 84 widening, Pigeon Pass to I-680	In Contra Costa County: On SR-4 from Pigeon Pass to I-680 (PM 17,921.0): Widen roadway from 2 lanes to 4 lanes	2015 TIP Development - Amend the environmental phase of a non-exempt project into the TIP along with \$4M in local funds for ENV, PSE, ROW, and CON shown in FY19 for informational purposes only	NON-EXEMPT	2020
Alameda	ALA150004	22455	AC Transit	AC Transit: East Bay Bus Rapid Transit	Alameda County: Along Telegraph/International/E 14th corridor from Oakland to San Leandro: Implement BRT including 34 stations, transit signal priority, level-boarding, shelters, off-board ticketing.	2015 TIP Development - Split out this project from ALA050017 and update the funding plan	NON-EXEMPT	2020
Alameda	ALA977007	22063	Hayward	Route 238 Corridor Improvement	Hayward: On Foothill and Mission Boulevards (existing Route 238) from Industrial Parkway to Route 580; Construct Route 238 Corridor Improvement Project.	2015 TIP Development - Retain this project in the TIP for informational purposes as it is ongoing	NON-EXEMPT	2015
Alameda	ALA978004	94506	ACTC	East-West Connector in Fremont & Union City	In Fremont & Union City: From I-880 to Route 238; Construct new 4-lane roadway and widen existing roadways. Project is phased	2015 TIP Development - Update the funding plan	NON-EXEMPT	2020
Alameda	ALA978027	240745	Caltrans	I-880/SR 262 I/C and HOV lanes.	I880 corridor: I-880 btw Santa Clara Co. line & Alvarado-Niles; Construct 2 HOV lanes, reconstruct I-880/Warren Ave/SR 262 I/C.	2015 TIP Development - Retain this project in the TIP for informational purposes as it is ongoing	NON-EXEMPT	2040
Alameda	ALA990015	21123	Union City	Union City Intermodal Station Infrastructure	Union City: Expand Union City BART Station to Complete Pedestrian Connection and Rail Station	2015 TIP Development - Retain this project in the TIP for informational purposes as it is ongoing	NON-EXEMPT	2020
Alameda	ALA991081	230170	Oakland	42nd Ave. & High St. I-880 Access Improv.	Oakland: Widening and re-alignment of local streets in the vicinity of the I-880/42nd & High interchange. Includes modified traffic signals and intersection improvements.	2015 TIP Development - Update funding plan to reflect funding commitments	NON-EXEMPT	2020
Alameda	BRT990002	21131	BART	BART Oakland Airport Connector	The Oakland Airport Connector Project will provide a 3.2 mile Automated Guideway Technology (AGT) system to link the BART Coliseum station to the Oakland International Airport on exclusive right-of-	2015 TIP Development - Retain this project in the TIP for informational purposes as it is ongoing	NON-EXEMPT	2015
Alameda	SCL991077	240742	Caltrans	I-680 Sunol Grade Southbound HOV Lanes - SCL Final	Sunol Grade: From Rte. 84 in ALA to Rte. 237 in SCL.; Final project phase construction of HOV lane, shoulders and other project clean up. Santa Clara portion. More funding in ALA991083, ALA991084 and	2015 TIP Development	NON-EXEMPT	2040

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Contra Costa	CC-010002	240745	Caltrans	SR 24 - Caldecott Tunnel 4th Bore	Orinda/Oakland: Caldecott Tunnel SR 24; Develop and construct a 2-lane bore north of the existing tunnels. The scope is inclusive of Caltrans EAs: 294901, 294911, 29421, 29431 and 29494	2015 TIP Development - Retain this project in the TIP as follow-up elements of this project (landscaping, etc) are ongoing	NON-EXEMPT	2040
Contra Costa	CC-010023	21205	OCTA	I-680/SR 4 I/C Reconstruction - Phases 1, 2, 4 & 5	At I-680/SR4: Reconstruct I-680/SR4 I/C, provide 2 lane direct connector from NB 680 to WB SR4 w/ slip ramps at Pacheco Blvd. and 2 lane direct EB SR4 to SB I-680. Phases 1, 2, 4 & 5. Env Doc covers all	2015 TIP Development	NON-EXEMPT	2020
Contra Costa	CC-030001	21208	AC Transit	Richmond Prkwy Transit Center	Richmond: Adjacent to I-80 at the Richmond Parkway Transit Center. Provide up to 800 parking spaces, improve transit facilities and improve bicycler/ped. access. (OLD TIP ID - CC-010028).	2015 TIP Development - Update project name	NON-EXEMPT	2015
Contra Costa	CC-030002	21210	Hercules	Hercules Intercity Rail Station - Phase 1	Rail Station Site & Access: Construct platform, realign tracks, construct necessary infrastructure like: creek realignment, utility relocation, retaining walls, transit loop & related bridges. This project	2015 TIP Development	NON-EXEMPT	2015
Contra Costa	CC-030004	22614	Martinez	Martinez Intermodal Station Parking Expansion	Martinez: At the Martinez Intermodal Station: Expand parking from 175 spaces to 600 spaces. Project includes adding a pedestrian and a vehicular bridge to access the parking lot.	2015 TIP Development	NON-EXEMPT	2040
Contra Costa	CC-030005	22602	OCTA	I-680 Auxiliary Lanes	Danville: I-680 between Crow Canyon Road and Sycamore Valley Rd.: Construct Auxiliary Lanes in both directions.	2015 TIP Development - Update the funding plan	NON-EXEMPT	2015
Contra Costa	CC-030028	98999	OCTA	SR 4 East Widening from Somersville to SR 160	Expand SR4 from Somersville to SR160; Expand Hwy from 4 to 8 lanes including a wide median for transit from Somersville to Hillcrest and from 4 to 6 lanes from Hillcrest to SR 160. Project includes	2015 TIP Development - Retain this project in the TIP for informational purposes as it is ongoing	NON-EXEMPT	2015
Contra Costa	CC-050002	21214	Antioch	Antioch - Wilbur Ave Bridge Widening	HBP: Antioch: BRIDGE No. 28C0054, On Wilbur Ave., over BNSF, Antioch, and UP RR, 0.25 Miles east of Minaker Drive; Widened from 2 to 4 lanes, rehabilitate bridge & upgrade bridge railings.	2015 TIP Development - Update the Regional Air Quality Conformity code and Retain this project in the TIP for informational purposes as it is ongoing	NON-EXEMPT	2015
Contra Costa	CC-050025	21211	BART	E-BART - East Contra Costa Rail Extension	Pittsburg/Antioch: East Contra Costa County; Extend Rail Service from the Pittsburg/Bay Point Station into eastern Contra Costa County	2015 TIP Development	NON-EXEMPT	2020
Contra Costa	CC-050028	22353	OCTA	I-680 SB HOV Lane Completion	Contra Costa County: I-680 from North Main Street to Livorna in the southbound direction: Construct a HOV lane	2015 TIP Development - Update the funding plan	NON-EXEMPT	2020
Contra Costa	CC-050030	98198	CC County	Contra Costa County Vasco Road Safety Improvements	Contra Costa County: Vasco Road from Walnut Blvd to the Alameda/Contra Costa County line: widen road and place concrete median barrier for 2.5 miles. Phase 1 completed a 1 mile widening segment.	2015 TIP Development - update the funding plan to match obligation	NON-EXEMPT	2020
Contra Costa	CC-050076	22355	Richmond	I-80/Central Avenue Interchange Modification	I-80/Central Ave; PH1 Construct new signals and CMS's to redirect I-80 WB on-ramp traffic during weekend peak periods to I-580. PH2 connect Pierce to San Mateo to relocate signal at Pierce/Central Ave	2015 TIP Development - Update the project description and update the Regional Air Quality Code to 'Non-Exempt'	NON-EXEMPT	2020
Contra Costa	CC-070004	22607	Antioch	Somersville Road Widening	Antioch: On Somersville Road between James Donlon Blvd and CCWD canal south of Buchanan Rd; Widened divided roadway.	2015 TIP Development	NON-EXEMPT	2040
Contra Costa	CC-070005	22607	Antioch	Hillcrest Ave Extension	Antioch: On Hillcrest Avenue between Prewett Ranch Rd and San Creek Road; Construct new 4 lane divided extension.	2015 TIP Development	NON-EXEMPT	2040
Contra Costa	CC-070006	22607	Antioch	Sand Creek Road Extension	Antioch: On Sand Creek Road between Hillcrest and Deer Valley Road; Construct new 2 lane extension.	2015 TIP Development	NON-EXEMPT	2040
Contra Costa	CC-070007	230288	Antioch	Antioch - Empire Road Widening	Antioch: On Empire Avenue between Lone Tree Way and UPRR/Antioch City limits: Widened from 2 to 4 lanes.	2015 TIP Development	NON-EXEMPT	2020
Contra Costa	CC-070008	22607	Antioch	Laurel Road Extension	Antioch: On Laurel Road between Hillcrest and SR4 Bypass; Construct new 4 lane divided extension.	2015 TIP Development	NON-EXEMPT	2040
Contra Costa	CC-070009	22607	Antioch	Slatten Ranch Road Extension - Lone Tree to Laurel	Antioch: On Slatten Ranch Road between Lone Tree Way and Laurel Road; Construct new 4 lane road.	2015 TIP Development	NON-EXEMPT	2040
Contra Costa	CC-070010	22607	Antioch	Antioch - Wild Horse Road Extension	Antioch: On Wild Horse Road between Hillcrest and SR4 Bypass; Construct new 2 lane arterial.	2015 TIP Development - Update the funding plan	NON-EXEMPT	2040
Contra Costa	CC-070011	230250	Brentwood	SR4/Brentwood Boulevard Widening - North (Phase I)	Brentwood: Widened SR4/Brentwood Boulevard from 2 to 4 lanes; Phase I: From Marsh Creek to Delta, including widening of bridge over Marsh Creek, traffic signal modifications, and utilities undergrounding.	2015 TIP Development	NON-EXEMPT	2015

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List of 2015 TIP Projects by County

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County	TIP ID	RTP ID	Sponsor	Project	Project Description	Description of Change	Air Quality Description	Conformity Analysis Year*
Contra Costa	CC-070012	22607	Brentwood	SR4 (Brentwood Boulevard) Widening (South)	Brentwood: On SR4 (Brentwood Blvd) between Chestnut Street to Fir Streets; Widen from 2 to 4 lanes in each direction.	2015 TIP Development - Update the funding plan	NON-EXEMPT	2040
Contra Costa	CC-070014	22607	Brentwood	Lone Tree Way Widening	Brentwood: On Lone Tree Way between O Hara Ave and SR4; Widen from 2 lanes to 4.	2015 TIP Development	NON-EXEMPT	2040
Contra Costa	CC-070015	22607	Brentwood	Central Blvd Widening (Phase II)	Brentwood: On Central Blvd btw Griffith Ln and the intersection of Central and Dainty Ave; Widen bridge and roadway from 2 to 4 lanes.	2015 TIP Development	NON-EXEMPT	2040
Contra Costa	CC-070018	98133	CC County	Pacheco Blvd Widening and Realignment	Martinez: On Pacheco Blvd between Blum Rd and Arthur Road; Widen roadway to 2 lanes in each direction and realign. Project will be constructed in phases.	2015 TIP Development - Update funding plan	NON-EXEMPT	2030
Contra Costa	CC-070022	22351	CCTA	I-680 NB HOV Lane Extension	Walnut Creek/Pleasant Hill/Concord: On I-680 between Main St and SR242; Extend Northbound HOV lanes.	2015 TIP Development - Update the funding plan	NON-EXEMPT	2020
Contra Costa	CC-070024	22388	Concord	SR 242 / Clayton Road Interchange Improvements	Concord: Construct NB on-ramp and SB off-ramp at the SR242/Clayton Rd Interchange	2015 TIP Development	NON-EXEMPT	2020
Contra Costa	CC-070025	22390	Concord	SR4/Willow Pass Interchange Improvements	Concord: SR4/Willow Pass Rd. interchange improvements to accommodate traffic generated by the development of the Naval Weapons Station.	2015 TIP Development	NON-EXEMPT	2020
Contra Costa	CC-070026	98194	Concord	Commerce Avenue Extension	Concord: Commerce Avenue over Pine Creek to Waterworld Parkway; Extend roadway.	2015 TIP Development	NON-EXEMPT	2020
Contra Costa	CC-070027	230216	Concord	Waterworld Parkway Extension and New Bridge	Concord: Waterworld Parkway between Commerce Avenue and Meridian Park Boulevard; Construct a two-lane bridge over Walnut Creek connecting both roadways.	2015 TIP Development	NON-EXEMPT	2030
Contra Costa	CC-070030	22609	Concord	Concord Blvd. Gap Closure, Phase 2	Concord: Concord Blvd between Farm Bureau Road and Sixth Street; Construct a 6-foot wide sidewalk with curb, gutter and pavement widening with no additional automobile travel lanes. The Project will	2015 TIP Development - Retain this project in the TIP for informational purposes as it is ongoing	NON-EXEMPT - Not Regionally Significant Project	2030
Contra Costa	CC-070035	22360	CCTA	Reconstruct I-80/San Pablo Dam Rd Interchange	San Pablo: I-80/San Pablo Dam Rd (SPDR) I/C; Reconstruct I/C; relocating WB El Portal on-ramp to the full I/C northwards, providing access to McBryde Ave through a new connector road from SPDR I/C.	2015 TIP Development - Update the project description and update the Regional Air Quality Code to 'Non-Exempt'	NON-EXEMPT	2020
Contra Costa	CC-070036	22352	San Ramon	I-680 Direct Access Ramps	San Ramon: I-680/Norris Canyon or Executive Parkway; Construct Carpool and bus on- and off-ramps; additionally reconstruct overcrossing and widen median	2015 TIP Development	NON-EXEMPT	2020
Contra Costa	CC-070038	22609	Martinez	I-680/Marina Vista I/C Improvements	Martinez: I-680/Marina Vista I/C; Improvements including realignment of off-ramp, increased deceleration/acceleration distance for existing NB/SB traffic plus Biker/Ped facilities.	2015 TIP Development	NON-EXEMPT	2030
Contra Costa	CC-070041	230238	Pittsburg	California Avenue Widening	Pittsburg: On California Avenue between Loveridge Road and Railroad Avenue; Widening from 2 to 4 lanes.	2015 TIP Development	NON-EXEMPT	2020
Contra Costa	CC-070043	230237	Pittsburg	West Leland Extension, Phase II	Pittsburg: On Leland Road from San Marco Blvd. to Willow Pass Rd.; Extend roadway.	2015 TIP Development	NON-EXEMPT	2020
Contra Costa	CC-070044	230236	Pittsburg	Pittsburg-Antioch Highway Widening	Pittsburg: Pittsburg-Antioch Highway from Somersville Rd to Loveridge Rd; Widen from 2 to 4 lanes with turning lanes.	2015 TIP Development	NON-EXEMPT	2020
Contra Costa	CC-070045	230233	Pittsburg	James Donlon Extension (Buchanan Rd Bypass)	Pittsburg: James Donlon Blvd from Ventura Dr. to Kirker Pass Road; Construct 2 lane roadway.	2015 TIP Development	NON-EXEMPT	2020
Contra Costa	CC-070047	22610	Richmond	Griffin Drive Railroad At-Grade Crossing	Richmond/San Pablo: RR crossings at Griffin and John Avenue; Replace grade separation & expand from 2 to 4 lanes with a protected ped/bike path & protected crossing/updated warning signs.	2015 TIP Development - Update the funding plan	NON-EXEMPT	2040
Contra Costa	CC-070048	230205	St. Rie. 4	SR4 Bypass: Sand Creek to Balfour Rd	Brentwood: SR4 Bypass between Sand Creek Rd & Balfour Rd.; Widen from 2 lanes to 4 lanes.	2015 TIP Development	NON-EXEMPT	2020
Contra Costa	CC-070049	230202	CCTA	SR4 Bypass: Laurel Rd to Sand Creek	Brentwood: SR4 Bypass from Laurel Road to Sand Creek Road; Widen from 2 lanes to 4 lanes.	2015 TIP Development - Retain this project in the TIP for informational purposes as it is ongoing	NON-EXEMPT	2020
Contra Costa	CC-070050	22609	Walnut Creek	Pleasant Hill Geary Road Widening Phase 3	Walnut Creek: Improve Geary Road from Putnam Blvd to Pleasant Hill Rd.; Provide one lane in each direction, center two way left turn lane, bike lanes and sidewalks, and signal improvement at Pleasant Hill	2015 TIP Development - Update the funding plan	NON-EXEMPT	2030
Contra Costa	CC-070051	22610	Hercules	SR4/Willow Avenue Ramps	Hercules: SR4/Willow Avenue Ramps; Relocate and realign ramps.	2015 TIP Development	NON-EXEMPT	2040

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Contra Costa	CC-070053	230206	CCTA	SR4: Balfour Road Interchange	Brentwood: Balfour Road/SR4; Construct new interchange.	2015 TIP Development - Retain this project in the TIP for informational purposes as the project is ongoing	NON-EXEMPT	2020
Contra Costa	CC-070054	98222	CCTA	SR4 /SR160 Interchange and Connectors	Oakley, SR 160 at SR 4; Construct direct connectors; SB160 to EB 4 and WB 4 to NB 160.	2015 TIP Development	NON-EXEMPT	2020
Contra Costa	CC-070057	230203	CCTA	SR4 Bypass: Sand Creek Interchange	Brentwood: Sand Creek Rd at SR4 Bypass; Construct interchange.	2015 TIP Development - Retain this project in the TIP for informational purposes as it is ongoing	NON-EXEMPT	2020
Contra Costa	CC-070062	22122	WETA	Richmond Ferry Service	WETA: Implement new ferry transit service between Richmond and San Francisco.	2015 TIP Development	NON-EXEMPT	2015
Contra Costa	CC-070063	22610	EB Reg Park Dis	Altas Road - New Bridge and Roadway Extension	Richmond, Point Pinole Regional Shoreline; Extend Altas road and construct new 2 lane road bridge with a separated ped/bike trail across JPRR tracks.	2015 TIP Development - Retain this project in the TIP for informational purposes as it is ongoing	NON-EXEMPT	2040
Contra Costa	CC-070075	230291	CC County	Kirkner Pass Road NB Truck Climbing Lanes	Unincorporated Contra Costa County: On Kirkner Pass Road from Clearbrook Drive to approximately 1,000 feet beyond the crest of Kirkner Pass Road; Construct northbound truck climbing lane and paved	2015 TIP Development - update the project scope and the funding plan	NON-EXEMPT	2020
Contra Costa	CC-070077	22607	Brentwood	John Muir Parkway Extension (Phase I)	Contra Costa County: John Muir Pkwy: from Foothill Dr. extension to Ventura Dr. Extend and widen to 1 lane + 1 bike lane per direction; Foothill Dr. to new John Muir Pkwy: extend 1 lane + 1 bike lane per	2015 TIP Development	NON-EXEMPT	2040
Contra Costa	CC-070078	22607	Brentwood	John Muir Parkway Extension: Ph. II	Contra Costa County: John Muir Parkway northerly from Briones Valley Rd to a logical termini on Concord Avenue: Extend roadway(1 lane + 1 bike lane per direction).	2015 TIP Development	NON-EXEMPT	2040
Contra Costa	CC-070079	22607	CC County	Byron Hwy Extension	Byron: On Byron Highway between Bethel Island and Delta Road. Construct bridge over Rock Slough and extend road as a 4-lane facility (2 lanes in each direction).	2015 TIP Development - update the funding plan and retain in the TIP for informational purposes only	NON-EXEMPT	2040
Contra Costa	CC-070081	22607	CC County	Byron Highway - Vasco Road Connection	Contra Costa County: between Byron Highway and Vasco Road; Construct an east-west connection road	2015 TIP Development - Update the funding plan	NON-EXEMPT	2040
Contra Costa	CC-070086	230321	Hercules	Refugio Bridge - Bike, Ped & Vehicle Connectivity	Hercules: At the Hercules Intermodal Transit Center: Construct Refugio (aka Bayfront) Bridge to create a bike/ped link to the Hercules Intermodal Transit Center & addit. access from Bayfront Blvd & John	2015 TIP Development	NON-EXEMPT	2020
Contra Costa	CC-090002	230239	Pleasant Hill	Pleasant Hill - Buskirk Avenue Widening	Widen Buskirk Avenue from Monument Boulevard to Hookston Road. Install new traffic signal at the intersection of Buskirk Avenue/Clarie Drive and Buskirk Avenue/southern entrance to Crossroads	2015 TIP Development - Retain this project in the TIP for informational purposes as it is ongoing	NON-EXEMPT	2015
Contra Costa	CC-090003	230318	CC County	North Richmond Truck Route Extension	Complete preliminary engineering, environmental review and initiate right-of-way acquisition for extension of Soto Street (two lane facility) from Market Avenue to Parr Blvd. Construction is planned for	2015 TIP Development - Update funding plan	NON-EXEMPT	2030
Contra Costa	CC-090008	22610	Hercules	Central Hercules Arterial Improvements	Central Hercules: Arterial Improvements including roadway expansion and various other improvements for express bus and rail transit facilities. Project will increase capacity and improve context	2015 TIP Development	NON-EXEMPT	2040
Contra Costa	CC-090009	230321	Hercules	Construct Phase 2 of Hercules Intermodal Station	Hercules: Construction of Hercules Intermodal Station Phase 2 - Station Building, Pedestrian Bridge to platform, Transit Loop and Related Bridges, Track and Signal work, Surface Parking. Project will be	2015 TIP Development	NON-EXEMPT	2020
Contra Costa	CC-090010	240738	Caltrans	Double rail track btw Oakley & Port Chicago	CC County: Double the existing rail track between Oakley and Port Chicago by constructing second main track, crossovers, and related track and signal work.	2015 TIP Development - Retain this project in the TIP for informational purposes	NON-EXEMPT	2040
Contra Costa	CC-090011	230253	Antioch	Fitzuren Road Widening & Realignment	Antioch: Fitzuren Road: Replace the old 2-lane Fitzuren Road with a new 4-lane divided arterial including shoulders/bike lanes, park and ride, and sidewalks	2015 TIP Development	NON-EXEMPT	2020
Contra Costa	CC-090015	230274	Oakley	Main Street Widening	In Oakley: Widen Main Street to 6 lanes from State Route 160 to Big Break Road	2015 TIP Development	NON-EXEMPT	2020
Contra Costa	CC-090017	22610	Pinole	Widen Pinole Valley Road ramps at I-80	Pinole: Pinole Valley Road ramps at I-80: Widen to provide dedicated right turn lane on eastbound on-ramp and bus turnout/shelter on westbound on-ramp	2015 TIP Development - Update the funding plan	NON-EXEMPT	2040

List of 2015 TIP Projects by County

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County	TIP ID	RTP ID	Sponsor	Project	Project Description	Description of Change	Air Quality Description	Conformity Analysis Year*
Contra Costa	CC-090019	240629	San Ramon	Bollinger Canyon Road Widening (Alcosta to SRVB)	San Ramon: Bollinger Canyon Road between Alcosta Blvd and San Ramon Valley Blvd: Widen from six to eight lanes	2015 TIP Development	NON-EXEMPT	2015
Contra Costa	CC-090021	240167	Brentwood	Brentwood Blvd North Widening - Phases II & III	Widen Brentwood Boulevard from existing 2-lanes to 4-lanes: Phase II: between Sunset Rd and Lone Tree Way and Phase III: from Lone Tree Way to Delta Rd.	2015 TIP Development	NON-EXEMPT	2040
Contra Costa	CC-090022	230307	CC County	Contra Costa Co. Camino Tassajara Realignment	Contra Costa County: Camino Tassajara Rd from Windemere Parkway to the Alameda/Contra Costa County line: Realign and widen roadway from 2-lanes to 4-lanes, including paved shoulders description for Class II	2015 TIP Development - update the funding plan and clarify project title and	NON-EXEMPT	2020
Contra Costa	CC-090023	230212	Concord	Concord Clayton Road/Treat Blvd Intersection Imps.	Concord: Clayton Rd and Treat Blvd: Constructing geometric improvements and upgrade traffic signal to improve operational efficiency and increase capacity	2015 TIP Development	NON-EXEMPT	2015
Contra Costa	CC-090024	98134	CC County	Dougherty Road widening	Contra Costa County: Dougherty Rd from Bollinger Canyon Road (north) to Rancho Park Loop: Widen roadway	2015 TIP Development - Update the funding plan	NON-EXEMPT	2040
Contra Costa	CC-090026	98115	Concord	Ygnacio Valley/Kirker Pass Roads Widening	Concord: Ygnacio Valley / Kirker Pass Roads from Michigan Boulevard to Cowell Road: widen from 4 lanes to 6 lanes	2015 TIP Development	NON-EXEMPT	2020
Contra Costa	CC-090032	240738	Caltrans	Richmond Rail Connector	In Contra Costa County: Between BNSF's Stockton Subdivision and UP's Martinez Subdivision north of Richmond, in San Pablo: Construct an at-grade rail connection. Project is phased	2015 TIP Development - Update the funding plan	NON-EXEMPT	2040
Contra Costa	CC-110001	230693	San Pablo	El Portal Drive Rehabilitation / Gateway Phases II	El Portal Drive from Road 20 to Gateway section: pavement resurfacing, streetscape and median reconstruction, intersection improvements, traffic signal interconnect, and elimination of an uncontrolled	2015 TIP Development	NON-EXEMPT	2040
Contra Costa	CC-110002	230612	WETA	Martinez Ferry Service	WETA: Martinez: Implement ferry transit service between Martinez and San Francisco. (PE only)	2015 TIP Development	NON-EXEMPT	2040
Contra Costa	CC-110003	230612	WETA	Antioch Ferry Service	WETA: Antioch: Implement ferry transit service between Antioch and San Francisco. (PE only). Keep project in the TIP for future use.	2015 TIP Development - Retain this project in the TIP for informational purposes as it is ongoing	NON-EXEMPT	2040
Contra Costa	CC-130002	21211	BART	eBART Railroad Avenue Station	Pittsburg: on eBART corridor at Railroad Ave: Design and construction of station	2015 TIP Development - Update the funding plan	NON-EXEMPT	2020
Contra Costa	CC-130005	240744	Pleasant Hill	Golf Club Rd Roundabout and Bike/Ped Improvements	Pleasant Hill: Golf Club Rd from CC Canal Regional Trail to east of Old Quarry Rd, Old Quarry Rd from Golf Club Rd to Chipirandigo Pkwy: Install bike/ped imprvmnts, construct roundabout, and rehab	2015 TIP Development	NON-EXEMPT - Not Regionally Significant Project	2040
Contra Costa	CC-130006	240744	Concord	Concord BART Station Bike/Ped Access Improvements	Concord: Near the Downtown Concord BART Station: Implement bike/ped access improvements including road diets, buffered bike lanes (0.7 mi), Class 2 bike lanes (0.6 mi), and Class 3 bike routes (0.1	2015 TIP Development	NON-EXEMPT - Not Regionally Significant Project	2040
Contra Costa	CC-130035	230419	CCTA	Interstate 80 Corridor Real Time Rideshare	I-80 Corridor from Solano County to San Francisco: Encourage carpooling using a Real Time Rideshare smartphone application to commuters along the I-80 corridor, includes marketing and outreach	2015 TIP Development - Update the funding plan	NON-EXEMPT - Not Regionally Significant Project	2040
Contra Costa	CC-130039	240744	Pittsburg	Pittsburg Multimodal Transit Station Access Imps.	In Pittsburg: At the Northeast corner of Railroad Ave and California Ave: Construct a Kiss-n-Ride lot, add a right-turn lane on California Ave and improve multi-modal access to eBART station.	2015 TIP Development - Update the funding plan	NON-EXEMPT - Not Regionally Significant Project	2040
Contra Costa	CC-130043	230685	BAIFA	I-680 Express Lane: Alcosta to Livorna/Rudgear	In Contra Costa County: On I-680 between Alcosta Boulevard and Livorna Road (northbound) and between Alcosta Boulevard and Rudgear Road (southbound): Convert existing HOV lanes to express lanes.	2015 TIP Development	NON-EXEMPT	2030
Contra Costa	CC-130046	21205	CCTA	I-680 / SR 4 Interchange Reconstruction - Phase 3	In Pacheco: At the I 680/Route 4 interchange: Widen SR4 in the median to provide a third lane in each direction from Morello Avenue to Port Chicago (SR242). Work includes widening of bridges within	2015 TIP Development	NON-EXEMPT	2020
Contra Costa	CC-130047	240746	Richmond	37th Street Bicycle & Pedestrian Improvements	Richmond: On 37th St from Oerritto Ave to Center Ave: Install bike lanes and pedestrian countdown heads and upgrade traffic signals; On 37th from Barrett to Chanslor: Implement road diet with one lane	2015 TIP Development	NON-EXEMPT - Not Regionally Significant Project	2040

* Projects with conformity analysis years 2040 reference programmatic projects or projects with a completion date after 2030 in Plan Bay Area

County	TIP ID	RTP ID	Sponsor	Project	Project Description	Description of Change	Air Quality Description	Conformity Analysis Year*
Marin	MRN050034	98154	TAM	US 101 HOV Lanes - Marin-Sonoma Narrows (Marin)	Marin and Sonoma Counties: From SR 37 in Novato to Old Redwood Highway in Petaluma: Convert expressway to freeway and widen to 6 lanes for HOV lanes.	2015 TIP Development	NON-EXEMPT	2020
Marin	MRN070006	240039	Novato	Novato Boulevard Widening, Diablo to Grant	Novato: Novato Blvd between Diablo and Grant Ave.: Improvements to roadway including widening existing two/three lanes to four lanes and adding turn lanes, bike lanes, curbs, and sidewalks.	2015 TIP Development	NON-EXEMPT	2040
Marin	MRN110032	240714	San Anselmo	San Anselmo - Center Blvd Bridge Replace (27C0079)	San Anselmo: Center Blvd Bridge over San Anselmo Creek, at Sycamore Ave: Replace existing 2 lane bridge with 3 lane bridge	2015 TIP Development	NON-EXEMPT - Not Regionally Significant Project	2040
Marin	MRN110035	240714	Marin County	Mountain View Rd Bridge Replacement - 27C0154	Marin County: On Mountain View Rd. over San Geronimo Creek (Bridge No. 27C0154) near the intersection with Sir Francis Drake Blvd: Replace existing one-lane bridge with a new two-lane bridge	2015 TIP Development	NON-EXEMPT - Not Regionally Significant Project	2040
Marin	MRN130001	240034	GSBH/TD	Larkspur Ferry Terminal Parking Garage	In Larkspur: At the Larkspur Ferry Terminal (LFT): construct a new three story parking structure	2015 TIP Development	NON-EXEMPT	2040
Napa	NAP010008	94152	Caltrans	SR 12 (Jamieson Canyon Road) Widening	In Napa and Solano Counties: SR 12 between SR 29 and I-80 (Jamieson Canyon): Rehab roadway and expand from two to four lanes.	2015 TIP Development	NON-EXEMPT	2015
Napa	NAP050009	21017	Napa Vine	Park & Ride Lots in Napa County	Napa County: American Canyon, and Calistoga/St. Helena/Yountville : Construct Park and Ride Lots.	2015 TIP Development - Retain this project in the TIP for informational purposes as it is ongoing	NON-EXEMPT	2040
Napa	NAP110029	240057	American Canyon	Eucalyptus Drive Realignment Complete Streets	American Canyon: Eucalyptus Dr. from Theresa Rd to Hwy 29: Extend roadway and reconfigure intersection of Eucalyptus Dr and Hwy 29 and Eucalyptus Drive and Theresa Road. Create complete street	2015 TIP Development - Update the funding plan	NON-EXEMPT - Not Regionally Significant Project	2040
Napa	NAP130006	230392	American Canyon	Devlin Road and Vine Trail Extension	American Canyon: Devlin Road from the southern terminus 2,500 feet south to Green Island Road: Construct roadway extension and Class I multipurpose path.	2015 TIP Development	NON-EXEMPT - Not Regionally Significant Project	2020
Regional	MT050027	22511	WETA	Ferry Service - Berkeley/Albany	WETA: Berkeley/Albany: Provide ferry service from Berkeley/Albany to San Francisco.	2015 TIP Development	NON-EXEMPT	2040
Regional	MT050029	230581	WETA	SF Ferry Terminal/Berthing Facilities	WETA: San Francisco: At the Ferry Terminal: Construct additional ferry docking/berthing facilities to improve ferry access and support WETA berthing/maintenance operational needs.	2015 TIP Development - Update the funding plan	NON-EXEMPT	2020
Regional	REG070003	22509	WETA	Treasure Island Ferry Service	Treasure Island: Implement new ferry transit service between Treasure Island and San Francisco/East Bay locations.	2015 TIP Development - Retain this project in the TIP for informational purposes as it is ongoing	NON-EXEMPT	2040
Regional	REG090003	230419	MTA	Freeway Performance Initiative (FPI)	Regionwide: Design, implement and maintain ramp metering, Traffic Operation Systems (TOS), and other Freeway Performance Initiative (FPI) projects on major congested freeways throughout the region.	2015 TIP Development - Update the funding plan	NON-EXEMPT	2040
Regional	REG090037	94525	BART	BART: Railcar Procurement Program	BART: Procure 873 Railcars (includes the replacement of 669 Railcars)	2015 TIP Development - Update scope and funding plan to reflect the total cost of the program and update the regional air quality conformity description	NON-EXEMPT	2040
Regional	REG130004	240741	BAIFA	Regional Express Lane Network	Region-wide: Convert existing HOV lanes to express lanes and widen to add new express lanes on freeway segments that constitute early phases of the Regional Express Lane Network	2015 TIP Development - Update project scope	NON-EXEMPT	2040
Regional	REG150001	22009	Caltrans	Oakland to San Jose Double Track (Segment 2A)	Between Oakland and San Jose: On UPRR Niles subdivision from MP 6 to MP 35, and the Coast subdivision MP 13 to MP 35, and on the Caltrain Right of Way MP 44 to MP 48: Construct a second mainline	2015 TIP Development - Amend a new non-exempt project into the TIP for informational purposes	NON-EXEMPT	2030
San Francisco	SF-010015	21342	TBJPA	Transbay Term/Caltrain Downtown Exl - Ph.1	San Francisco: Transbay Transit Center: Replacement and expansion of the terminal at the present site.	2015 TIP Development	NON-EXEMPT	2020
San Francisco	SF-010037	21510	SFMTA	SF Muni Third St LRT Phase 2 - New Central Subway	San Francisco: North-south alignment under 4th St. to Market, then under Geary to Stockton & under Stockton to Clay St. Extend the Light Rail line project includes procurement of four LRVs.	2015 TIP Development	NON-EXEMPT	2020

* Projects with conformity analysis years 2040 reference programmatic projects or projects with a completion date after 2030 in Plan Bay Area

List of 2015 TIP Projects by County

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San Francisco	SF-010038	21649	SF DPW	Bayview Transportation Improvements	In San Francisco-Implement direct access routes from US 101 to the Hunters Point Shipyard along Cesar Chavez Street to Illinois Street, Cargo Way and Jennings St and along Cesar Chavez Street to Evans	2015 TIP Development - Update the funding plan to shift unexpended \$1.02M in earmark funds to SF-090004 Harney Way (\$62,800) and SF-130006 SE Waterfront Transportation Improvements	NON-EXEMPT	2020
San Francisco	SF-050002	230290	TBJPA	Transbay Terminal/Caltrain Downtown Ext. Ph. 2	San Francisco: Transbay Terminal; Extend Caltrain commuter rail service from Fourth/Townsend to Transbay Transit Center.	2015 TIP Development	NON-EXEMPT	2020
San Francisco	SF-070003	22415	SFMTA	Historic Streetcar Extension to Fort Mason	San Francisco: From Fisherman's Wharf through National Park Service lands in Aquatic Park to Fort Mason; Extend the E-line or the current F-line service.	2015 TIP Development - Update the funding plan	NON-EXEMPT	2020
San Francisco	SF-070004	230164	SF County TA	Geary Bus Rapid Transit	Muni: On Geary Boulevard; Design and implement a BRT project.	2015 TIP Development - Update the project description to remove the reference to "rail ready" and update the funding plan	NON-EXEMPT	2020
San Francisco	SF-070005	230161	SF County TA	Van Ness Avenue Bus Rapid Transit	Muni: On Van Ness Avenue from Mission to Lombard; Design and implement a BRT project.	2015 TIP Development - Update expanded project description, delivery milestones, and funding plan	NON-EXEMPT	2020
San Francisco	SF-070014	240488	Port of SF	Pier 70 Shoreline Open Space Improvements	San Francisco: Port of San Francisco Pier 70; Implement Shoreline Open Space improvements including a historic preservation 22nd Street connection.	2015 TIP Development - Update the Regional Air Quality Conformity Code to "Non-Exempt, Not Regionally Significant" per AQCTF determination for related project (SF-130021)	NON-EXEMPT - Not Regionally Significant Project	2040
San Francisco	SF-090004	230490	SF DPW	Harney Way Roadway Widening	In San Francisco: Harney Way from US 101 to Jamestown; Improvements including right-of-way engineering, land acquisition for future widening of roadway, design, landscaping and sidewalk	2015 TIP Development - Update the funding plan to add \$62,800 earmark from SF-010038, reprogram funds between years and revise local funding amount	NON-EXEMPT	2030
San Francisco	SF-090012	240309	SFMTA	Additional Light Rail Vehicles to Expand Muni Rail	SFMTA: Addition of 10 light rail vehicles to expand service and reduce overcrowding on Muni Light rail lines.	2015 TIP Development - Update the funding plan	NON-EXEMPT	2020
San Francisco	SF-090013	240147	SFMTA	Geneva/Harney Limited/Express Bus Service	Muni: provide 22 vehicles to operate Bus Rapid Transit service on existing streets in the Geneva/Harney corridor	2015 TIP Development	NON-EXEMPT	2030
San Francisco	SF-090016	240147	SFMTA	Transit Center in Hunters Point	Muni: Transit Center in Hunters Point; Construct 10 bays, Low-level platform, Operator restroom, bus shelters, Electrical ductbank for MUNI power, etc	2015 TIP Development	NON-EXEMPT	2030
San Francisco	SF-090017	240147	SFMTA	Express/Ltd Bus Service into Hunters Point (north)	Muni: Procure and customize 20 trolley vehicles to operate new peak-period Bus Rapid Transit Service between Hunters Point and Downtown San Francisco.	2015 TIP Development	NON-EXEMPT	2030
San Francisco	SF-090018	240309	SFMTA	Oakdale-Palou Interim High-Capacity Bus Corridor	Muni: Transit Preferential Improvements for the Palou Avenue corridor, including bus bulbs, up to six traffic signals with transit signal priority, new bus shelters and pedestrian safety treatments.	2015 TIP Development - clarify scope and update funding plan	NON-EXEMPT	2020
San Francisco	SF-090019	240328	SFMTA	Extended Trolleybus Service into Hunters Point	SFMTA: Procure 5 electric trolley vehicles and construct 1 mile overhead wire infrastructure to extend High-Capacity Bus Service from existing transit corridor in the Bayview to Hunters Point	2015 TIP Development	NON-EXEMPT	2030
San Francisco	SF-090020	240147	SFMTA	Geneva-Harney BRT to Hunters Point - Geneva Extn	SFMTA: Extension of Geneva Harney BRT with an additional 0.35 miles from Bayshore/Geneva to Bayshore Transit Center, includes special bus shelters/landscaping/art for identity	2015 TIP Development - Update funding plan and delivery milestones	NON-EXEMPT	2030
San Francisco	SF-090021	240328	SFMTA	Geneva-Harney BRT to Hunters Point - Geneva Porto	SFMTA: Construct BRT in exclusive right-of-way on Geneva from Balboa BART to Naples. Construct TPS treatments on Geneva from Naples to Bayshore Blvd.	2015 TIP Development - Update funding plan and delivery milestones	NON-EXEMPT	2030
San Francisco	SF-090023	240147	SFMTA	Geneva-Harney BRT to Hunters Point - Harney Porto	San Francisco: Bayview and Hunters Point; Construct extension of Geneva Harney BRT from Bayshore Transit Center to Hunters Point Transit Center	2015 TIP Development - Update funding plan and delivery milestones	NON-EXEMPT	2030
San Francisco	SF-090032	240171	SFMTA	SFMTA: TEP Capital Implementation Program	SFMTA: Design and construction of investments focused on reliability improvements, travel time reductions, and Muni route updates. This is a phased project.	2015 TIP Development - Update the funding plan	NON-EXEMPT	2020

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San Francisco	SF-110002	240358	SFMTA	Mission Bay/UCSF Multi-Modal Transportation Imps.	San Francisco: Mission Bay: street additions, connections, realignments, improvements and enhancements; widen I-280/Mariposa off-ramp; and construct a transit loop for the light rail line.	2015 TIP Development - Update the funding plan to reprogram \$2M in local funds from 2019 to 2015	NON-EXEMPT	2020
San Francisco	SF-110006	240163	SF DPW	Hunters Pt Shipyard and Candlestick Pt Local Roads	In San Francisco: Hunters Point Shipyard and Candlestick Point: Implement new local streets to support multi-modal mixed use development. The project is phased.	2015 TIP Development. Update milestones.	NON-EXEMPT	2030
San Francisco	SF-110042	240526	SFMTA	SFMTA: N-Judah Customer First Program	SFMTA: On the N-Judah transit Corridor: enhancements include but are not limited to the following: Colorizing existing dedicated transit lanes, Transit Signal Priority, Vehicle Branding, and Enhanced stop	2015 TIP Development - Retain this project in the TIP for informational purposes as the project is ongoing	NON-EXEMPT	2020
San Francisco	SF-110045	240526	SFMTA	SFMTA: 8X Customer First Program	San Francisco: 8X line: Implement Transit Corridor Improvements including colorizing existing dedicated transit lanes, TSP, wayfinding improvements and transit arrival prediction sign, vehicle branding.	2015 TIP Development - Retain this project in the TIP for informational purposes as the project is ongoing	NON-EXEMPT	2020
San Francisco	SF-110049	240728	SF County TA	Treasure Island Congestion Pricing Program	San Francisco: Treasure Island: Implement Congestion Pricing Program. project is phased	2015 TIP Development	NON-EXEMPT	2040
San Francisco	SF-130001	240155	SF DPW	SF- Better Market Street Transportation Elements	In San Francisco: Market St from Steuart St to Octavia Blvd: improve roadway, including resurfacing, sidewalk and transit boarding improvements, transit connections, traffic signals, transportation	2015 TIP Development.	NON-EXEMPT	2020
San Francisco	SF-130002	240399	SFMTA	Implement Parkmerced Street Network	In San Francisco: Implement Parkmerced Street Network (includes a new street network, traffic calming, pedestrian improvements, biking improvements, streetscape improvements, and transit/shuttle	2015 TIP Development - Update the funding plan	NON-EXEMPT	2040
San Francisco	SF-130003	240545	SFMTA	19th Ave. & Parkmerced M-Line Realignment	In San Francisco: Extend light rail corridor into Parkmerced development project, add three new light rail stations and facilities. Add rail track and operator support facilities.	2015 TIP Development - Update the expanded description	NON-EXEMPT	2030
San Francisco	SF-130004	240400	SF County TA	Treasure Is/Yerba Buena Is Street Improvements	On Treasure Island: Implement Treasure Island/Yerba Buena Island street network. Project includes a new street network, traffic calming, bike & pedestrian improvements, streetscape and transit/shuttle	2015 TIP Development	NON-EXEMPT	2040
San Francisco	SF-130005	240730	SF County TA	Treasure Island Pricing Mobility Improvements	In Treasure Island: Pricing Program Mobility Improvements including Transit Capital and maintenance improvements. The project is phased	2015 TIP Development	NON-EXEMPT	2040
San Francisco	SF-130006	240147	SF DPW	Southeast Waterfront Transportation Improvements	In San Francisco: Between Hunters Point Shipyard and Candlestick Point: improve roadways to facilitate connection of a 5-mile, multi-modal corridor, connecting project area with the Bayshore Intermodal	2015 TIP Development - Update the funding plan to add \$957,200 earmark from SF-010038 and update local funding amounts	NON-EXEMPT	2030
San Francisco	SF-130007	240370	SF DPW	HOPE SF Street Grid Phase 1	In San Francisco: Hunters View in Southeast at the intersections of Evans and Middle Point Road: realign existing streets and add new streets at public housing sites to improve transit, walking, and biking.	2015 TIP Development	NON-EXEMPT	2030
San Francisco	SF-130011	240490	SF DPW	SF- Second Street Complete Streets and Road Diet	In San Francisco: On Second Street between Market and King; Design and construct a complete streets project including the removal of a vehicular travel lane from Market to Townsend	2015 TIP Development - Update the funding plan	NON-EXEMPT - Not Regionally Significant Project	2040
San Francisco	SF-130015	240486	SFMTA	Mansell Corridor Complete Streets	San Francisco: Mansell Ave from University to Brazil and Persia St from Brazil to Dublin: Implement complete streets improvements, including reduced, separated and relocated vehicular lanes, and bike/ped	2015 TIP Development	NON-EXEMPT - Not Regionally Significant Project	2040
San Francisco	SF-130016	240486	SFMTA	Masonic Avenue Complete Streets	San Francisco: Masonic Ave from Fall St to Geary Blvd: Implement complete streets improvements including: removing two lanes used for vehicles only at peak periods, add dedicated bicycle space, repave.	2015 TIP Development - Update the funding plan	NON-EXEMPT - Not Regionally Significant Project	2040
San Francisco	SF-130017	240728	SF County TA	SF Downtown Congestion Pricing (NE Cordon)	San Francisco: In the northeast part of the city bounded by Laguna, Guerrero, and 18th St: Implement or pilot a mobility improvement and congestion pricing program charging a peak hour toll (capped at	2015 TIP Development	NON-EXEMPT	2040

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San Francisco	SF-130019	240544	SFMTA	Eddy and Ellis Traffic Calming Improvement Project	San Francisco: On Eddy St between Leavenworth and Cyril Magnin and on Ellis St between Jones and Cyril Magnin: Convert one-way streets to two-way streets and implement pedestrian and traffic calming	2015 TIP Development - Update the funding plan	NON-EXEMPT - Not Regionally Significant Project	2040
San Francisco	SF-130021	240731	Port of SF	Pier 70 19th Street & Illinois Street Sidewalk	San Francisco: 19th St from Illinois St to approximately 600' east: Construct new 19th St roadway and bike/ped improvements; On Illinois Street from 18th and 19th: construct new sidewalk and other	2015 TIP Development	NON-EXEMPT - Not Regionally Significant Project	2040
San Francisco	SF-990004	240309	SFMTA	Islais Creek Motor Coach Facility	Muni: Islais Creek Motor Coach Facility: Develop a new operating division to replace the Kirkland motor coach operating facility when it is vacated for redevelopment. Phase 2 will construct a Maintenance	2015 TIP Development - Retain this project in the TIP for informational purposes as it is ongoing	NON-EXEMPT	2020
San Francisco	SF-991030	94089	SF County TA	US 101 Doyle Drive Replacement	San Francisco: US 101 (Doyle Drive) from Lombard Street/Richardson Avenue to Route 1 Interchange; Replace/rehabilitate roadway.	2015 TIP Development - Update the funding plan	NON-EXEMPT	2040
San Mateo	SM-010031	240745	Caltrans	US 101 Auxiliary Lanes - 3rd to Millbrae	Cities of San Mateo & Millbrae: Route 101 from 3rd Ave. in San Mateo to Millbrae Avenue in Millbrae; Construct new Auxiliary Lanes, reconstruct overcrossing & install ramp meters.	2015 TIP Development - Retain this project in the TIP for informational purposes as the project is ongoing	NON-EXEMPT	2040
San Mateo	SM-030001	21608	Caltrans	US 101 Auxiliary Lanes - Marsh Road to SCL County	San Mateo County: On US 101 from Santa Clara County Line to Marsh Road; Construct new Auxiliary Lanes.	2015 TIP Development - Retain this project in the TIP for informational purposes as the project is ongoing	NON-EXEMPT	2020
San Mateo	SM-050001	98204	Pacifica	SR 1 - Fessler to West Port Drive Widening	In Pacifica: Route 1 between Fessler Ave. & West Port Dr.; Add an additional lane in each direction.	2015 TIP Development	NON-EXEMPT	2020
San Mateo	SM-050027	21603	Redwood City	US 101 / Woodside Interchange Improvement	Redwood City: US101/Woodside; Reconstruct and reconfigure interchange.	2015 TIP Development - Update the funding plan, sponsor and implementing agency	NON-EXEMPT	2030
San Mateo	SM-050028	21602	Caltrans	US 101 / Broadway Interchange Improvement	City of Burlingame: US 101/Broadway Interchange; Reconstruct and reconfigure interchange. Replace existing bridge with a wider bridge structure. CMAQ funds to be used on bike/ped components of	2015 TIP Development - Retain this project in the TIP for informational purposes as the project is ongoing	NON-EXEMPT	2020
San Mateo	SM-070008	240048	Caltrain	Caltrain South Terminal Phase II and III	Phase II of this project is to construct an additional mainline track and new signal controls just north of Divison Station. Phase III is to install an additional mainline track and signal controls just south of	2015 TIP Development	NON-EXEMPT	2020
San Mateo	SM-090003	94644	SMCTA	Construct WB lane on Rte 92	In San Mateo County: On Route 92; Construct a West Bound portion of slow vehicle passing lane in the vicinity between Route 35 to I-280.	2015 TIP Development	NON-EXEMPT	2030
San Mateo	SM-090004	22756	Brisbane	US 101/Candlestick Interchange	In San Mateo County: U.S. 101/Candlestick Point Interchange - Reconfigure interchange to allow for safer and better flow of traffic	2015 TIP Development - Update the funding plan	NON-EXEMPT	2020
San Mateo	SM-090007	230428	Redwood City	Blomquist Street Extension	In Redwood City: On Blomquist Street; extend from Seaport Blvd to Bair Island Road. Project may be phased.	2015 TIP Development	NON-EXEMPT	2040
San Mateo	SM-090008	230417	San Carlos	US101/Holly Interchange modification	City of San Carlos: At Holly St/ 101 Interchange Modification;Widen east bound to north bound ramp to two lanes and eliminate north bound to west bound loop	2015 TIP Development - Update the funding plan	NON-EXEMPT	2020
San Mateo	SM-090009	21604	SMCTA	US 101 Aux lanes from Sierra Point to SF City Line	San Mateo County: On US 101 from Sierra Point to SF County Line; Construct auxiliary lanes	2015 TIP Development - Update the funding plan	NON-EXEMPT	2020
San Mateo	SM-090010	21615	SMCTA	I-280/Route 1 interchange safety improvements	Daily City: Implement interim safety and operational improvements at the I-280/Route 1 interchange.	2015 TIP Development	NON-EXEMPT	2030
San Mateo	SM-090011	21892	SMCTA	Woodside Road Widening - El Camino to Broadway	Redwood City: Widen portions of Woodside Road from 4 to 6 Lanes from El Camino Real to Broadway	2015 TIP Development	NON-EXEMPT	2040
San Mateo	SM-090013	21613	SMCTA	Improve Rte 92 from SM Bridge to I-280	In San Mateo County: On Route 92; Widen and add an uphill passing lane from US 101 to I-280.	2015 TIP Development - Update the funding plan	NON-EXEMPT	2030
San Mateo	SM-090014	22282	SMCTA	Improve US 101 operations near Rte 92	City of San Mateo: On US 101; Operational improvements near Route 92	2015 TIP Development	NON-EXEMPT	2030
San Mateo	SM-090015	22751	Half Moon Bay	Route 1 improvements in Half Moon Bay	In Half Moon Bay: On Route 1; Improve safety on Route 1, including adding protected left and right turn lanes at Route 1, adding through lanes on Route 1 at signalized intersections, and constructing new	2015 TIP Development - Update the funding plan	NON-EXEMPT	2020

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County	TIP ID	RTP ID	Sponsor	Project	Project Description	Description of Change	Air Quality Description	Conformity Analysis Year*
San Mateo	SM-110002	22120	WETA	WETA: Redwood City Ferry Service	WETA: Redwood City; Implement ferry transit service between Redwood City and San Francisco	2015 TIP Development - Update the funding plan	NON-EXEMPT	2015
San Mateo	SM-110003	22279	SSF	US 101/Produce Avenue Interchange	South San Francisco: On US Highway 101 from Uliah Avenue on the east side to the vicinity of Produce Avenue on the west side; Construct a local interchange	2015 TIP Development - Update the funding plan and project description	NON-EXEMPT	2040
San Mateo	SM-130021	230430	Burlingame	Carolan Ave Complete Streets and Road Diet	Burlingame: Carolan Ave between Broadway and Oak Grove Ave; Implement road diet by converting a 4-lane roadway into a 2-lane roadway with a center turn lane, Class II bike lanes, and intersection	2015 TIP Development	NON-EXEMPT - Not Regionally Significant Project	2040
San Mateo	SM-979013	240745	Caltrans	SR 1 Devils Slide Bypass	San Mateo County: SR 1 between 2nd Street in Montara and Linda Mar Boulevard in Pacifica; Construct new bypass with tunnel(s) and approaches. Adding installation of BASE (Bay Area Security)	2015 TIP Development - Retain this project in the TIP for informational purposes as the project is ongoing	NON-EXEMPT	2040
Santa Clara	BRT030001	240375	VTA	BART - Berryessa to San Jose Extension	BART: Extend BART from Berryessa Station to San Jose and Santa Clara. (Please see expanded project description for more details.)	2015 TIP Development - Update the funding plan	NON-EXEMPT	2030
Santa Clara	SCL030006	21785	San Jose	US 101 / Blossom Hill I/C Reconst & Road Widening	San Jose: US-101/Blossom Hill Rd interchange; widen Blossom Hill Road and reconstruct interchange to provide an additional lane in each direction, including the bridge structure over US-101 plus other	2015 TIP Development - update the funding plan to reflect current schedule and clarify scope of project	NON-EXEMPT	2020
Santa Clara	SCL050009	22956	VTA	Capitol Expressway LRT Extension- Phase II	In the East Valley: The Capitol Avenue light rail line from the existing Alum Rock Transit Center to a rebuilt Eastridge Transit Center (2.6 miles); provide light rail extension	2015 TIP Development - Update the funding plan	NON-EXEMPT	2020
Santa Clara	SCL050077	240404	Milpitas	SR 237 - Calaveras Blvd Widening	In Milpitas: Calaveras Boulevard from Town Center Drive to Abel Street; widen roadway from 4 to 6 lanes and add pedestrian and bicycle facilities	2015 TIP Development	NON-EXEMPT	2020
Santa Clara	SCL070004	22965	San Jose	US 101 / Mabury New Interchange	In San Jose: US 101/Mabury interchange; Construct full interchange.	2015 TIP Development	NON-EXEMPT	2030
Santa Clara	SCL070049	22180	Santa Clara Co	Central Expressway Auxiliary Lanes	Santa Clara County: On Central Expressway between Lawrence Expressway and Mary Avenue; Design, environmental clearance and construction to add auxiliary lanes	2015 TIP Development - Update delivery milestones and contact information	NON-EXEMPT	2030
Santa Clara	SCL090001	240117	VTA	Santa Clara/Alum Rock Transit Improvement/BRT	In San Jose: Implement BRT improvements in the Santa Clara/Alum Rock route for BRT lines 522 and 523, including: dedicated guideways, signal prioritization, ticket vending machines, premium BRT	2015 TIP Development - Retain this project in the TIP for informational purposes	NON-EXEMPT	2015
Santa Clara	SCL090003	230449	San Jose	San Jose Charcot Avenue Extension Over I-880	San Jose: Charcot Avenue Extension over I-880; Extend new 2-lane roadway with bike lanes and sidewalks providing new multi-modal connection to the North San Jose employment center.	2015 TIP Development	NON-EXEMPT	2020
Santa Clara	SCL090004	230452	San Jose	Downtown San Jose Bike Lanes and De-couplet	In San Jose: Conversions of one-way couplets to two-way streets; reduce lanes; add bike lanes along 10th/11th Streets, Almaden/Vine, and 2nd/3rd Streets.	2015 TIP Development - Update the funding plan	NON-EXEMPT	2020
Santa Clara	SCL090005	230201	San Jose	Coleman Avenue Widening from I-880 to Taylor St.	In San Jose: Coleman Ave from I-880 to Taylor St. Widen from 4 to 6 lanes.	2015 TIP Development - Update funding plan	NON-EXEMPT	2030
Santa Clara	SCL090007	230645	San Jose	San Jose North 1st Street Core Area Streets Imps.	In San Jose: Improve the North 1st Street "core area grid."	2015 TIP Development	NON-EXEMPT	2020
Santa Clara	SCL090008	230644	San Jose	San Jose: Various Intersection Improvements	In San Jose: Construct various intersection improvements.	2015 TIP Development - Update the funding plan	NON-EXEMPT	2020
Santa Clara	SCL090010	230273	San Jose	Montague Expwy Widening - Lick Mill-Trade Zone	In San Jose: On Montague Expressway between Lick Mill and Trade Zone; widen to 8 lanes.	2015 TIP Development - Update the funding plan	NON-EXEMPT	2020
Santa Clara	SCL090015	230363	San Jose	I-880/Montague Expressway Interchange Improvements	In San Jose: Construct I-880/Montague Expressway interchange improvements.	2015 TIP Development - Update the funding plan	NON-EXEMPT	2020
Santa Clara	SCL090016	230294	VTA	New SR152 Alignment Study	Santa Clara/ San Benito counties: Complete PA&ED for new alignment of SR152 between US101 and SR156 in Santa Clara and San Benito counties.	2015 TIP Development - Retain this project in the TIP for informational purposes	NON-EXEMPT	2020
Santa Clara	SCL090017	230273	Santa Clara Co	Montague Expwy Widening - Trade Zone-I-680	In Santa Clara County: Widen Montague Expressway between Trade Zone and I-680.	2015 TIP Development - Update contact information.	NON-EXEMPT	2020

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County	TIP ID	RTP ID	Sponsor	Project	Project Description	Description of Change	Air Quality Description	Conformity Analysis Year*
Santa Clara	SCL090019	21922	San Jose	San Jose International Airport People Mover	In San Jose: Provide an automated transit service that connects the San Jose Mineta International Airport to VTA's Guadalupe LRT, funding plan within the	2015 TIP Development - Update the funding plan	NON-EXEMPT	2040
Santa Clara	SCL090025	21722	San Jose	US 101 SB Trimble Road/De La Cruz Boulevard/Central Interchange	In Santa Clara: Modifies existing loop cloverleaf ramp from SB US 101 to Trimble Rd into a partial cloverleaf ramp.	2015 TIP Development	NON-EXEMPT	2030
Santa Clara	SCL090027	230262	Santa Clara Co	US 101/Montague Expressway Interchange	Reconfigure current interchange into a "parclo" interchange	2015 TIP Development - Update funding plan, delivery milestones and contact information	NON-EXEMPT	2020
Santa Clara	SCL090030	240439	VTA	SR 85 Express Lanes	In Santa Clara County: Implement roadway pricing on SR 85 carpool lane. Construct additional express lane in each direction between I-280 and Route 87 and add aux lane on 85.	2015 TIP Development - Update the funding plan	NON-EXEMPT	2020
Santa Clara	SCL090040	98119	VTA	LRT Extension to Vasona Junction	In Campbell: Extend the light-rail line from the existing Winchester Station to a new Vasona Junction Station, near Route 85.	2015 TIP Development	NON-EXEMPT	2020
Santa Clara	SCL110002	240466	VTA	Santa Clara County - US 101 Express Lanes	Santa Clara County: US 101 from Dunne Ave in Morgan Hill to San Mateo county line in Palo Alto: Convert existing US 101 HOV lane to express lane, add a second express lane and add SB aux lanes	2015 TIP Development	NON-EXEMPT	2020
Santa Clara	SCL110004	22854	Santa Clara Co	Page Mill Road/I-280 Interchange Reconfiguration	In Santa Clara County: modify I-280/Page Mill Road interchange.	2015 TIP Development - Update funding plan, delivery milestones, and contact info	NON-EXEMPT	2020
Santa Clara	SCL110005	240374	VTA	BART - Warm Springs to Berryessa Extension	In Santa Clara County: This project will extend BART from Warm Springs to the future Berryessa Station in San Jose, California.	2015 TIP Development	NON-EXEMPT	2020
Santa Clara	SCL110006	230200	San Jose	San Jose - Autumn Street Extension	In San Jose: Autumn St between Julian Street and San Carlos Street: Widen, partially realign, and extend Autumn Street to adequately accommodate projected traffic demand.	2015 TIP Development - Update funding plan	NON-EXEMPT	2020
Santa Clara	SCL110007	22186	Santa Clara Co	San Tomas Expressway Widening	In Santa Clara County: Widen San Tomas Expressway between El Camino Real and Williams Road including adding sidewalks. Project is phased.	2015 TIP Development; Update delivery milestones based on Segment 1 schedule.	NON-EXEMPT	2030
Santa Clara	SCL110008	240463	VTA	SR 237 Express Lanes: Zanker Rd to Mathilda Ave	In Santa Clara County: Implement roadway pricing on SR 237 carpool lane.	2015 TIP Development - Update funding plan	NON-EXEMPT	2040
Santa Clara	SCL110009	240119	VTA	El Camino Real Bus Rapid Transit	In Santa Clara County: Implement Bus Rapid Transit improvements on El Camino Real/The Alameda including: dedicated guideways, signal prioritization, low-floor boarding, ticket vending machines, premium BRT stations, real.	2015 TIP Development - Update the funding plan	NON-EXEMPT	2020
Santa Clara	SCL110010	240118	VTA	VTA: Stevens Creek Bus Rapid Transit	Implement Bus Rapid Transit improvements in the Stevens Creek corridor including: dedicated guideways, signal prioritization, low-floor boarding, ticket vending machines, premium BRT stations, real.	2015 TIP Development	NON-EXEMPT	2030
Santa Clara	SCL130001	240443	Sunnyvale	SR 237/US 101/Mathilda Interchange Modifications	In Sunnyvale: Modify US 101/Mathilda and SR 237/Mathilda interchanges to relieve congestion and improve local circulation.	2015 TIP Development	NON-EXEMPT	2020
Santa Clara	SCL130002	240477	VTA	SR 237 Express Lanes: Mathilda Avenue to SR 85	In Santa Clara County: Build new HOV/express lanes on SR 237 between Mathilda Avenue and SR 85.	2015 TIP Development - Update funding plan	NON-EXEMPT	2020
Santa Clara	SCL130015	240747	Mountain View	Mountain View Castro Street Complete Streets	In the City of Mountain View: On Castro St between El Camino Real and Miramonte Ave: Implement complete street and road diet	2015 TIP Development	NON-EXEMPT - Not Regionally Significant Project	2040
Santa Clara	SCL130047	22979	San Jose	US 101 Zanker Road/North 4th Street/Skyport Drive	In San Jose: At U.S. 101/Zanker Road/Skyport Drive/Fourth Street: Improve interchange, add a connection between Zanker Road and Skyport Drive and Fourth Street supporting North San Jose Development	2015 TIP Development - Clarify scope	NON-EXEMPT	2030
Santa Clara	SCL150003	240518	VTA	Mountain View Double Track Improvements - Phase II	Mountain View: On the Mountain View to Winchester Light Rail Transit line from the west side of the State Route 85 overcrossing to Whisman Station: Double track the current single track section	2015 TIP Development - Amend a new non-exempt project into the TIP with \$30M in local funds	NON-EXEMPT	2020
Solano	SOL010031	240313	Benicia	Military/Southampton & Military/First Intermodal	Benicia: On Military West and Southampton Avenue and on Military and First Street; construct intermodal facilities (Construct parking lot and transit transfer area).	2015 TIP Development - Retain this project in the TIP for informational purposes as it is ongoing	NON-EXEMPT	2015

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Solano	SOL030002	21341	Fairfield	Fairfield/Vacaville Intermodal Rail Station	In Fairfield: Capitol Corridor; Construct train station with passenger platforms, pedestrian undercrossing, highway overcrossing, park and ride lot, bike and other station facilities. Project is phased.	2015 TIP Development - Update the funding plan	NON-EXEMPT	2020
Solano	SOL050012	22794	Vallejo	Vallejo Curtola Transit Center	Vallejo Curtola Transit Center; Construct intermodal facilities for express bus service.	2015 TIP Development - Retain this project in the TIP for informational purposes as it is ongoing	NON-EXEMPT	2015
Solano	SOL070002	240745	Caltrans	I-80 Alamo Creek On-Ramp and Bridge Widening	Route 80: In Vacaville, west of Alamo Creek Bridge to Alamo west-bound on-ramp; Lengthen on-ramp and widen bridge.	2015 TIP Development - Retain this project in the TIP for informational purposes	NON-EXEMPT	2040
Solano	SOL070020	230687	STA	I-80/I-680/SR 12 Interchange Project	Fairfield: Improve I-80/I-680/Route 12 I/C(Ph 1), including connecting I-80 to SR 12 W, I-680 NB to SR 12W (Jameson Canyon), I-80 to I-680 (+ Express Lane Direct connectors), build local I/C and build	2015 TIP Development	NON-EXEMPT	2040
Solano	SOL090001	240210	Vacaville	I-505/Vaca Valley Off-Ramp and Intersection Imprv.	Vacaville: I-505 at Vaca Valley Pkwy: Widen the southbound I-505 off-ramp at Vaca Valley Parkway to provide left turn storage and signalize the southbound ramps at the intersection of Vaca Valley	2015 TIP Development - Retain this project in the TIP for informational purposes as it is ongoing	NON-EXEMPT	2020
Solano	SOL110001	240561	MTC	I-80 Express Lanes - Fairfield & Vacaville Ph I&II	I-80 in Solano County from Red Top Rd to I-505: Convert existing HOV to HOT & Construct new HOT lanes from Air Base Parkway to I-505. Project also references RTP ID 230660	2015 TIP Development - Update the funding plan	NON-EXEMPT	2020
Solano	SOL110003	94151	STA	Jepson: Vanden Road from Peabody to Leisure Town Road	Jepson Parkway segment: Vanden Road project from Peabody Road to Leisure Town Road.	2015 TIP Development - Update the funding plan	NON-EXEMPT	2020
Solano	SOL110004	94151	STA	Jepson: Walters Rd Ext - Peabody Rd Widening	Jepson Parkway segment: Walters Road Extension - Peabody Widening.	2015 TIP Development	NON-EXEMPT	2020
Solano	SOL110005	94151	STA	Jepson: Leisure Town Road from Vanden to Commerce	Jepson Parkway segment: Leisure Town Road from Vanden Road to Commerce	2015 TIP Development - Update the project limits and funding plan	NON-EXEMPT	2020
Solano	SOL110006	94151	STA	Jepson: Leisure Town Road (Commerce to Orange)	Jepson Parkway segment: Leisure Town Road from Commerce Road to Orange. Project is phased	2015 TIP Development - Updating the limits of the project to reflect change in scope.	NON-EXEMPT	2020
Solano	SOL110007	22795	Fairfield	Fairfield Transportation Center - Phase 3	In Fairfield: Fairfield Transportation Center; Construct second parking structure with approximately 600 automobile parking spaces and access improvements.	2015 TIP Development - Update the funding plan and project scope	NON-EXEMPT	2020
Solano	SOL110009	230635	Vacaville	Vacaville Intermodal Station - Phase 2	In Vacaville: Construction of a three to four story, approximately 400 space, parking garage.	2015 TIP Development - Update the funding plan	NON-EXEMPT	2020
Solano	SOL110037	240746	Vallejo	Sonoma Boulevard Improvements HSP5-04-031	Vallejo: Sonoma Blvd between Georgia St and Florida St: Implement road diet - reduce travel lanes from 4 to 3, add a two-way left-turn lane or median, and add bike lanes	2015 TIP Development	NON-EXEMPT - Not Regionally Significant Project	2040
Solano	SOL130001	22243	F-S Transit	Oliver Road Park and Ride	In Fairfield off I-80 - Oliver Road park and ride will increase options for regional commuters (e.g., van pool pick up) and reduce parking congestion at the Fairfield Transportation Center.	2015 TIP Development - Update the funding plan	NON-EXEMPT - Not Regionally Significant Project	2040
Solano	SOL950035	22629	Vallejo	Vallejo Ferry Terminal (Intermodal Station)	Vallejo: Baylink Ferry Terminal; Construct new intermodal facility, including additional parking, upgrade of bus transfer facilities, and improvement to pedestrian access.	2015 TIP Development - Retain this project in the TIP for informational purposes as it is ongoing	NON-EXEMPT	2015
Solano	SOL990018	22632	Vallejo	I-80 / American Canyon Rd overpass Improvements	Vallejo: American Canyon Road overpass at Hwy. 80; capacity and safety improvements.	2015 TIP Development	NON-EXEMPT	2040
Sonoma	SON010001	240745	Caltrans	Son 101 HOV - SR 12 to Steele & Steele Lane I/C	In Santa Rosa: On 6th St. between Morgan St and Davis St: the construction of 280 feet of roadway with two new travel lanes and a westbound left turn lane; from SR 12 to Steele Lane: follow-up	2015 TIP Development - Update the funding plan	NON-EXEMPT	2040
Sonoma	SON010019	98183	Son Co TA	Son 101 HOV - Steele Lane to Windsor (North)	Santa Rosa-Windsor: US 101 blw Steele Lane in Santa Rosa and Windsor River Road in Windsor; Widen from 4 to 6 lanes for High Occupancy Vehicle (HOV) lanes and implement landscaping.	2015 TIP Development - Update the project description	NON-EXEMPT	2015
Sonoma	SON010024	21902	Son Co TA	Son 101 HOV - Redwood Hwy to Rohnert Park Expy	Petaluma-Rohnert Park: US 101 Blw Old Redwood Hwy in Petaluma & Rohnert Park Expy; widening roadway from 4 to 6 lanes for HOV and implement landscaping	2015 TIP Development - Update project description	NON-EXEMPT	2015

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Sonoma	SON050015	22656	Son Co TA	US 101/East Washington I/C Reconfiguration	Petaluma: On US 101 at East Washington Interchange: Reconfigure interchange including new ramps.	2015 TIP Development - Retain this project in the TIP for informational purposes as it is ongoing	NON-EXEMPT	2015
Sonoma	SON070004	98147	Son Co TA	US 101 Marin/Sonoma Narrows (Sonoma)	Marin and Sonoma Counties: From SR37 in Novato to Old Redwood Highway in Petaluma, convert expressway to freeway, construct NB auxiliary lane between Lakeville Highway and East Washington Street.	2015 TIP Development	NON-EXEMPT	2020
Sonoma	SON090002	22001	SMART	Sonoma Marin Area Rail Corridor	Between Sonoma and Marin Counties: Implement passenger rail service and non-motorized pathway on NWP rail line	2015 TIP Development - Updated project schedule	NON-EXEMPT	2015
Sonoma	SON090003	22195	Son Co TA	Improve U.S. 101/Old Redwood Highway interchange	In Petaluma, replace old redwood highway overcrossing and ramps to/from Highway 101.	2015 TIP Development - Retain this project in the TIP for informational purposes as it is ongoing	NON-EXEMPT	2015
Sonoma	SON090005	22191	Son Co TA	US 101 Airport I/C (North B)	In Sonoma County: Replace Airport Blvd overcrossing and reconstruct interchange with US 101. Improve operations between Airport and Fulton. Construct soundwalls. (Project is the second phase of the	2015 TIP Development	NON-EXEMPT	2015
Sonoma	SON110001	240529	Caltrans	HWY 101 HOV Lane 12/Steele - Follow-up College Ave	Sonoma County: College Ave at US 101: Widen College Avenue at Highway 101 Interchange.	2015 TIP Development - Update the funding plan	NON-EXEMPT	2020
Sonoma	SON110015	22001	Cotati	City of Cotati Train Depot	In Cotati: Located at 970 East Cotati Avenue; Construction of a Transit Center, including a pedestrian plaza and transit building to connect pedestrian/bicycle/bus/train/automobile transit modes.	2015 TIP Development - Retain this project in the TIP for informational purposes as it is ongoing	NON-EXEMPT	2015
Sonoma	SON110030	230700	FWLS	San Pablo Bay NWR Access Road in Petaluma	In San Pablo Bay National Wildlife Refuge: Construct the Sears Point Access Road & Trail to the headquarters near Petaluma. USFWS, in partnership with Sonoma Land Trust (SLT), received an FHWA grant of	2015 TIP Development - Retain this project in the TIP for informational purposes as it is ongoing	NON-EXEMPT - Not Regionally Significant Project	2040
Sonoma	SON130017	230700	Santa Rosa	Santa Rosa Cmpilt Sts Road Diet on Transit Corridor	Santa Rosa: On transit corridors within two Priority Development Areas (Mendocino Ave/Santa Rosa Ave Corridor and Downtown Station Area) and in Communities of Concern: Rehabilitate roadway and	2015 TIP Development - Update the funding plan	NON-EXEMPT - Not Regionally Significant Project	2040
Sonoma	SON950005	22655	Caltrans	Son 101 HOV - Rohnert Park Expwy to Santa Rosa Av	Rohnert Park: US 101 between Rohnert Park Expressway & Santa Rosa Avenue; Widen from 4 to 6 Lanes, Modify Wilfred Avenue Interchange, add Auxiliary lanes and other interchange improvements.	2015 TIP Development - Retain this project in the TIP for informational purposes as it is ongoing	NON-EXEMPT	2015

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Regionally Exempt Projects								
Alameda	ALA010003	240094	Alameda County	Crow Canyon Safety Improvements	Alameda County: On Crow Canyon Road: from I-580 north to the Alameda/Contra Costa County line; Safety improvements, shoulder widening and curve realignment.	2015 TIP Development - Update the funding plan	EXEMPT (40 CFR 93.126) - Shoulder improvements	2040
Alameda	ALA010034	94526	AC Transit	AC Transit: Facilities Upgrade	AC Transit: Agency's facilities & equipment upgrades.	2015 TIP Development - Retain this project in the TIP for informational purposes	EXEMPT (40 CFR 93.126) - Reconstruction or renovation of transit buildings and structures (e.g., rail)	2040
Alameda	ALA010052	21103	Newark	Central Avenue Railroad Overpass at UPRR	Newark: On Central Avenue at the Union Pacific Railroad tracks; Construct grade separation. No new lanes. Project is phased	2015 TIP Development	EXEMPT (40 CFR 93.126) - Railroad/highway crossing	2020
Alameda	ALA010056	21017	ACE	ACE Track Improvements.	ACE: From Stockton to San Jose: Corridor improvements for signaling, grade crossing, track and other cost associated	2015 TIP Development - Retain this project in the TIP for informational purposes as it is ongoing	EXEMPT (40 CFR 93.126) - Rehabilitation or reconstruction of track structures, track, and trackbed in	2040
Alameda	ALA030002	240386	Alameda County	Alameda: Vasco Road Safety Improvements	Livermore: On Vasco Road from Livermore to CC County line; Realign roadway, provide standard shoulder widths, install median barriers and add truck-climbing lanes. (Total length of truck lanes is .9	2015 TIP Development	EXEMPT (40 CFR 93.126) - Truck climbing lanes outside the urbanized area	2040
Alameda	ALA030030	94527	LAVTA	LAVTA: Preventive Maintenance	LAVTA: Preventive Maintenance Program for Agency Fleet.	2015 TIP Development - Retain this project in the TIP for informational purposes as it is ongoing	EXEMPT (40 CFR 93.126) - Rehabilitation of transit vehicles	2040
Alameda	ALA050035	240381	Alameda County	Cherryland/Ashland/Castro Valley/Fairview Slowkimp	Cherryland, Ashland, Castro Valley, Fairview, San Lorenzo and other Unincorporated Areas of Alameda County: Sidewalk improvements in the vicinity of Schools within unincorporated Alameda County area.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
Alameda	ALA050043	21017	ACE	ACE Signal System Rehabilitation	ACE: Rehabilitate the existing Signal System between Niles Junction and Lathrop on the UPRR alignment.	2015 TIP Development - Retain this project in the TIP for informational purposes as it is ongoing	EXEMPT (40 CFR 93.126) - Construction or renovation of power, signal, and communications systems	2040
Alameda	ALA050064	94526	AC Transit	AC Transit: Transit Security Projects	AC Transit: District facilities and Buses; Install cameras on District's buses and at District's facilities, including the passenger transfer stations, also fund design and fabrication of a mobile emergency.	2015 TIP Development - Update project name	EXEMPT (40 CFR 93.126) - Planning activities conducted pursuant to titles 23 and 49 U.S.C	2040
Alameda	ALA050079	21144	Berkeley	I-80 Gilman Interchange Reconfiguration	Berkeley: On Gilman Avenue at I-80; Reconfigure interchange providing dual roundabout at the entrance & exits from I-80 as well as the Eastshore Highway and West Frontage Road.	2015 TIP Development	EXEMPT (40 CFR 93.127) - Changes in vertical and horizontal alignment	2020
Alameda	ALA070009	98207	ACTC/Oak/Ala	I-880/Broadway-Jackson Interchange	Oakland: Between Oak Street and Union Street; Reconfigure interchange and intersections to improve connections between I-880, the Posey and Webster tubes and the downtown Oakland area.	2015 TIP Development - Update the funding plan	EXEMPT (40 CFR 93.127) - Changes in vertical and horizontal alignment	2020
Alameda	ALA070022	240386	Alameda	City of Alameda - Park St Streetscape	In the City of Alameda: Streetscape improvements including utility work, installation of vintage lighting, street trees, sidewalks, and pedestrian appurtenances, bulb-outs and pedestrian warning lights.	2015 TIP Development - Retain this project in the TIP for informational purposes as it is ongoing	EXEMPT (40 CFR 93.126) - Transportation enhancement activities (except rehabilitation and operation	2040
Alameda	ALA070039	240347	Oakland	Oakland Waterfront Bay Trail	Oakland: From Jack London Square to 66th Avenue; Construct new segments of the Bay Trail.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2030
Alameda	ALA070041	230221	ACTC	I-80 Integrated Corridor Mobility Project	Contra Costa and Alameda Counties: Along the I-80 corridor from Carquinez Bridge to San Francisco-Oakland Bay Bridge Toll Plaza; create an integrated ITS arterial network.	2015 TIP Development - Retain this project in the TIP for informational purposes as it is ongoing	EXEMPT (40 CFR 93.126) - Traffic control devices and operating assistance other than signalization	2015
Alameda	ALA070046	94526	AC Transit	AC Transit: Zero Emission Bus Advanced Demo	AC Transit: Zero Emission Bus Advanced Demonstration project, including purchase of 12 new ZEBs, and associated fueling, maintenance facilities, testing/monitoring of buses, solar panels, stationary fuel	2015 TIP Development - Update project name	EXEMPT (40 CFR 93.126) - Purchase of new buses and rail cars to replace existing vehicles or for	2040
Alameda	ALA070051	94525	BART	BART Station Electronic Bike Lockers, Ph. 2	Alameda County: Five BART Stations: Purchase and install electronic bicycle lockers	2015 TIP Development - Retain this project in the TIP for informational purposes as it is ongoing	EXEMPT (40 CFR 93.126) - Transportation enhancement activities (except rehabilitation and operation	2040

* Projects with conformity analysis year's 2040 reference programmatic projects or projects with a completion date after 2030 in Plan Bay Area

List of 2015 TIP Projects by County

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County	TIP ID	RTP ID	Sponsor	Project	Project Description	Description of Change	Air Quality Description	Conformity Analysis Year*
Alameda	ALA070054	22425	Port of Oakland	California Inter-regional Rail Intermodal Study	Port of Oakland: Study to determine the feasibility freight rail shuttle system between the Port and inland points in the Central Valley.	2015 TIP Development - Retain this project in the TIP for informational purposes as it is ongoing	EXEMPT (40 CFR 93.126) - Engineering to assess social, economic, and environmental effects of the	2040
Alameda	ALA070060	22063	Caltrans	I-238 Widening Replacement Planting	In and near San Leandro: On Route 238 from Route 580 to Route 880: Landscape replacement planting	2015 TIP Development	EXEMPT (40 CFR 93.126) - Plantings, landscaping, etc	2015
Alameda	ALA090023	240101	Alameda County	Fruitvale Ave Roadway Bridge Retrofit	Alameda County: Retrofit Fruitvale Roadway Bridge a lifeline facility	2015 TIP Development - Update the funding plan	EXEMPT (40 CFR 93.126) - Widening narrow pavements or reconstructing bridges (no additional travel	2040
Alameda	ALA090028	240745	Caltrans	I-580 N. Flynn-Greenville EB Truck Climbing Lane	In Livermore, Alameda County: On Route 580 in the City of Livermore from North Flynn Rd to Greenville Rd. Construct a truck-climbing lane in the eastbound direction.	2015 TIP Development - update project title to reflect scope and include for informational purposes as the project is ongoing	EXEMPT (40 CFR 93.126) - Truck climbing lanes outside the urbanized area	2040
Alameda	ALA090030	22425	MTC	Regional Planning Activities and PPM - Alameda	Alameda: Regional Planning Activities and Planning, Programming and Monitoring (PPM)	2015 TIP Development	EXEMPT (40 CFR 93.126) - Planning activities conducted pursuant to titles 23 and 49 U.S.C	2040
Alameda	ALA090031	21017	Union C Transit	Union City Transit: Replace Two 35' Buses	Union City Transit: Replace two 35' Transit Buses with CNG low-floor buses.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Purchase of new buses and rail cars to replace existing vehicles or for	2040
Alameda	ALA090060	21017	ACE	ACE: Rebuild Diesel Locomotives	ACE: 3 of our locomotives: complete an overhaul of the prime mover, replace head-end power generator-sets, perform body work, and repaint	2015 TIP Development	EXEMPT (40 CFR 93.126) - Rehabilitation of transit vehicles	2040
Alameda	ALA090061	21017	Union C Transit	Union City: Replacement of Four (4) Transit Buses	Union City Transit is replacing vehicles that have reached the end of their useful life.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Purchase of new buses and rail cars to replace existing vehicles or for	2040
Alameda	ALA090062	240381	Berkeley	Berkeley Bay Trail Extension - Segment One	In Berkeley: On University Ave between West Frontage Road and Marina Blvd, construct a class 1 bike path and a bike/pedestrian bridge over Strawberry Creek, and add a Water Trail Access Point at Hs	2015 TIP Development	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
Alameda	ALA090065	94525	BART	BART: Fare Collection Equipment	BART: Systemwide: Acquire and install fare collection equipment.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Purchase of operating equipment for vehicles (e.g., radios, fareboxes, lifts.	2040
Alameda	ALA090066	240683	Dublin	Alamo Canal Regional Trail, I-580 Undercrossing	In Dublin and Pleasanton: This project will construct a segment of the Alamo Canal Trail underneath Interstate 580 to close a gap between the section of the Alamo Canal Trail located in Dublin and	2015 TIP Development	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2015
Alameda	ALA090067	240388	ACTC	I-580 Landscaping in the City of San Leandro	Along I-580 in the City of San Leandro from PM 33.5 to PM 34.6 between Estudillo Avenue and 141st Street, Landscaping and Irrigation work.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Plantings, landscaping, etc	2040
Alameda	ALA090068	94525	BART	MacArthur BART Plaza Remodel	Oakland: MacArthur BART Station: Renovate the entry plaza	2015 TIP Development - include for informational purposes	EXEMPT (40 CFR 93.126) - Reconstruction or renovation of transit buildings and structures (e.g., rail	2040
Alameda	ALA090069	240386	Alameda County	Alameda County: Rural Roads Pavement Rehab	Alameda County: Pavement Rehabilitation of various roadways in unincorporated areas.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation	2040
Alameda	ALA110004	240388	ACTC	I-580 Oakland 14th to Ardley Noise Barriers	Oakland: I-580 Eastbound between west of 14th Avenue to Ardley avenue - Construct noise barriers on route between PM 41.7 to PM 42.2	2015 TIP Development	EXEMPT (40 CFR 93.126) - Noise attenuation	2040
Alameda	ALA110005	94527	LAVTA	LAVTA Rideo Bus Restoration	LAVTA: Rehabilitate a 1960 GMC-vintage historic coach that was one of the last buses operated by the City of Livermore's Rideo bus system	2015 TIP Development	EXEMPT (40 CFR 93.126) - Rehabilitation of transit vehicles	2040
Alameda	ALA110006	240386	Oakland	Various Streets Resurfacing and Bikeway Facilities	In Oakland. Various locations: Rehabilitate streets, install bikeway facilities, and upgrade curb ramps	2015 TIP Development	EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation	2040

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Alameda	ALA110007	240393	Berkeley	City of Berkeley Transportation Action Plan - TDM	Berkeley: Implement parking pricing pilot and enforcement programs in Southside, Elmwood and Downtown commercial districts. Implement TDM strategies and outreach focused on small businesses and AC Transit: The project is intended to bring AC Transit's revenue fleet up to a SGR by implementing new SGR process and software in order to reduce operating costs.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Continuation of ride-sharing and van-pooling promotion activities at	2040
Alameda	ALA110008	94526	AC Transit	AC Transit State of Good Repair Program	Alameda County: Mobile truck promoting walking/biking to school including outreach and education activities.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Rehabilitation of transit vehicles	2040
Alameda	ALA110009	240393	ACTC	Bikemobile: Bike Repair and Encouragement Vehicle	Port of Oakland: Equip two international berths with shore power infrastructure, which is electrical infrastructure that enables a ship at dock (at-berth) to plug into the electrical grid. This allows the vessel	2015 TIP Development	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
Alameda	ALA110010	230550	Port of Oakland	Shore Power Initiative	Various parts of the Bay Trail: The Green Transportation Initiative completes components in the Alameda and Contra Costa counties' non-motorized transportation network. It will close five critical gaps in	2015 TIP Development	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2030
Alameda	ALA110011	240347	EB Reg Park Dis	East Bay Parks Green Transportation Initiative	Fremont: In the Fremont Central Business District/Midtown District bounded by Walnut Avenue, and California, Beacon and Liberty Streets: Streetscape enhancements. This is a phased project.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Transportation enhancement activities (except rehabilitation and operation)	2040
Alameda	ALA110012	21011	Fremont	Fremont CBD/Midtown Streetscape	In Newark: On Cedar Boulevard between Milani Avenue and Central Avenue and on Jarvis Avenue between the UPRR and Spruce Street: Pavement rehab.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation	2040
Alameda	ALA110016	240386	Newark	Newark - Cedar Blvd and Jarvis Ave Pavement Rehab	In Dublin: Silvergate Dr between San Ramon Rd and Dublin Blvd, Clark Ave between Village Parkway and Maple Dr, and Tassajara Rd between North City limits and Shadow Hill Dr.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation	2040
Alameda	ALA110024	240386	Dublin	Dublin Citywide Street Resurfacing	Alameda County: Various Streets: Pavement Rehabilitation Program	2015 TIP Development	EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation	2040
Alameda	ALA110026	240386	Alameda County	Alameda Co - Central Unincorporated Pavement Rehab	In San Leandro: Construct San Leandro Bl Streetscape from Williams St. to Davis St. Including lane reduction, ped crossings, wayfinding, traffic signals, street lights and construct bike racks, ped crossings.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Transportation enhancement activities (except rehabilitation and operation)	2040
Alameda	ALA110027	21011	San Leandro	San Leandro Downtown-BART Pedestrian Interface	Union City: Union City Boulevard from Smith Street to 600-foot south of Alvarado Boulevard: widen existing pavement for both northbound and southbound directions. This will allow the installation of a	2015 TIP Development	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
Alameda	ALA110028	240381	Union City	Union City Blvd Corridor Bicycle Imp. Phase 1	In Albany: On Marin Ave./Buchanan St. between San Pablo Ave. and Buchanan bridge overcrossing. Construct a bike/Ped path, install a bike/ped signal, and related improvements at several locations within	2015 TIP Development	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
Alameda	ALA110030	240381	Albany	Albany - Buchanan Bicycle and Pedestrian Path	In Pleasanton: Two segments of Foothill Road: install northbound and southbound bicycle lanes including realignment of two freeway ramps, installation of traffic signals, and roadway restriping.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2015
Alameda	ALA110031	21489	Pleasanton	Pleasanton - Foothill/580 IC Bike/Ped Facilities	In Berkeley: Area around Downtown Berkeley BART Station: Streetscape improvements; design/construction of custom bus shelter, canopy design for 5 secondary BART entries and construction of one.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Transportation enhancement activities (except rehabilitation and operation)	2040
Alameda	ALA110032	240381	BART	Downtown Berkeley BART Plaza/Transit Area Imps.	Alameda County: Countywide SR2S Program including education & outreach in various K-12 schools, ridesharing, & project development.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Grants for training and research programs	2040
Alameda	ALA110033	240393	ACTC	Alameda County Safe Routes to School	In Dublin: Golden Gate Drive from Dublin Blvd to the West Dublin BART Station. Bicycle, pedestrian, and landscape enhancements.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Transportation enhancement activities (except rehabilitation and operation)	2040
Alameda	ALA110034	240381	Dublin	West Dublin BART Golden Gate Drive Streetscape	In Hayward: Both sides of Dixon St from Tennyson Rd to Valle Vista Ave. Streetscape, pedestrian safety and landscape improvements. The ROW phase including utility relocation is locally funded	2015 TIP Development	EXEMPT (40 CFR 93.126) - Transportation enhancement activities (except rehabilitation and operation)	2040
Alameda	ALA110035	21011	Hayward	South Hayward BART Area/Dixon Street Streetscape		2015 TIP Development	EXEMPT (40 CFR 93.126) - Transportation enhancement activities (except rehabilitation and operation)	2040

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Alameda	ALA110072	240381	Oakland	Lake Merritt Improvement Project	In Oakland: Adjacent to Lake Merritt: Reconfigure roadways and construct paths, walls, structures, lighting, parking and landscaping; no added capacity	2015 TIP Development	EXEMPT (40 CFR 93.126) - Shoulder improvements	2040
Alameda	ALA110085	240746	Alameda	Shoreline Dr, Westline Dr and Broadway Bike Lanes	Alameda: Shoreline Dr-Westline Dr to Broadway; Westline Dr- Otis Dr to Shoreline Dr; Broadway-Shoreline Dr to Bayview Dr; Reduce travel lanes from 4 to 2; Install a cycle track, parking, bike racks.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Highway Safety Improvement Program implementation	2040
Alameda	ALA110086	240726	Caltrans	Environmental Study for ACE Alignment	Altamont Commuter Express (ACE): Along the alignment between the Bay Area and the Central Valley; Conduct an environmental study for a high speed rail corridor	2015 TIP Development	EXEMPT (40 CFR 93.126) - Planning and technical studies	2040
Alameda	ALA110090	94525	BART	Enterprise Asset Management	BART: Systemwide. Enhance the asset management business process and integration of business and operations across Finance, Operations and Maintenance to support ongoing, long-term asset	2015 TIP Development	EXEMPT (40 CFR 93.126) - Operating assistance to transit agencies	2040
Alameda	ALA110091	94526	AC Transit	AC Transit: Procure (23) 60' Articulated Buses	AC Transit: Purchase 23 replacement 60' articulated buses for use on local routes.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Purchase of new buses and rail cars to replace existing vehicles or for	2040
Alameda	ALA110092	94526	AC Transit	AC Transit: Procure (38) 40-ft Urban Buses	AC Transit: Purchase 38 replacement 40' urban transit buses.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Purchase of new buses and rail cars to replace existing vehicles or for	2040
Alameda	ALA110093	94526	AC Transit	AC Transit: Replace 16 40' Suburban Buses	Purchase 16 replacement 40' Suburban buses.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Purchase of new buses and rail cars to replace existing vehicles or for	2040
Alameda	ALA110095	94527	LAVTA	LAVTA - East Bay Radio Communication System Hookup	LAVTA: Replace radio communication equipment to meet FTA narrow-banding mandate and join the East Bay Regional Communications System (EBRCS).	2015 TIP Development	EXEMPT (40 CFR 93.126) - Purchase of operating equipment for vehicles (e.g., radios, fareboxes, lifts,	2040
Alameda	ALA110098	240383	ACTC	Alameda County SR2S Local	In Alameda County: Countywide SR2S Program; Implement Capital Projects and Technical Assistance for future Capital Projects	2015 TIP Development	EXEMPT (40 CFR 93.126) - Planning and technical studies	2040
Alameda	ALA110099	21017	ACE	ACE Preventative Maintenance	ACE Rail - Preventative maintenance activities for ACE service and associated equipment, functions, and facilities.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Operating assistance to transit agencies	2040
Alameda	ALA110100	240372	AC Transit	AC Transit: Line 51 Corridor	Alameda County: Lines 51A and 51B along the Santa Clara, Broadway, College and University Corridor: Provide key investments in capital infrastructure needed to provide travel time savings	2015 TIP Development	EXEMPT (40 CFR 93.127) - Intersection signalization projects at individual intersections	2020
Alameda	ALA110105	22423	AC Transit	AC Transit: San Leandro BART Improv	San Leandro: Al San Leandro BART Station: Make bus, pedestrian, and bicycle access improvements in preparation for the implementation of the East Bay Bus Rapid Transit. This is a project is related to	2015 TIP Development - Retain this project in the TIP for informational purposes	EXEMPT (40 CFR 93.127) - Bus terminals and transfer points	2040
Alameda	ALA110106	94526	AC Transit	AC Transit: Farebox Replacement	AC Transit: System-wide: Replace the existing bus farebox systems and their support equipment	2015 TIP Development	EXEMPT (40 CFR 93.126) - Purchase of operating equipment for vehicles (e.g., radios, fareboxes, lifts,	2040
Alameda	ALA110107	22423	ACTC	ALA-Community-Based Transportation Plan Updates	Alameda County: Countywide: For the five community-based transportation plans, review, update and integrate with completed countywide plans and develop an integrated, more comprehensive	2015 TIP Development	EXEMPT (40 CFR 93.126) - Planning and technical studies	2040
Alameda	ALA110114	21017	Union C Transit	Union City: Replacement of Two (2) Transit Buses	Union City Transit: Replace two (2) compressed natural gas (CNG) buses	2015 TIP Development	EXEMPT (40 CFR 93.126) - Purchase of new buses and rail cars to replace existing vehicles or for	2040
Alameda	ALA110115	240508	BART	Bicycle Lockers at Capitol Corridor Stations	Capitol Corridor Joint Powers Authority (CCJPA): at Capitol Corridor Stations: Establish a bicycle storage standard for design(s), function, and procurement for secure bicycle storage	2015 TIP Development	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040

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Alameda	ALA110116	94526	AC Transit	AC Transit: Bus Diesel Particulate Filters (DPF)	AC Transit: 51 VanHool 30ft buses; install diesel particulate filters (DPF)	2015 TIP Development	EXEMPT (40 CFR 93.126) - Rehabilitation of transit vehicles	2040
Alameda	ALA110117	94526	AC Transit	AC Transit: Procure (28) 40-ft Urban Buses	AC Transit: Purchase (28) 40-ft buses to replace buses in existing fleet	2015 TIP Development	EXEMPT (40 CFR 93.126) - Purchase of new buses and rail cars to replace existing vehicles or for	2040
Alameda	ALA110118	94526	AC Transit	AC Transit: Procure (40) 40-ft Urban Buses	AC Transit: Purchase (40) 40-ft buses to replace buses in existing fleet	2015 TIP Development	EXEMPT (40 CFR 93.126) - Purchase of new buses and rail cars to replace existing vehicles or for	2040
Alameda	ALA110119	94526	AC Transit	AC Transit: Spectrum Ridership Growth	AC Transit: Encourage new riders among East Bay residents, employees, and visitors, as well as increased ridership among current riders. The principal three areas of focus will be Passenger Info Systems.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Grants for training and research programs	2040
Alameda	ALA110120	240726	Livermore	Livermore TOD Study at I-580/SR84	In Livermore: Near I-580/SR84 I/C: Create a community based transit oriented development plan for local land uses and access improvements to complement a planned Phase 1 extension of the BART	2015 TIP Development	EXEMPT (40 CFR 93.126) - Planning and technical studies	2040
Alameda	ALA110121	94525	BART	BART Train Car Accident Repair	BART: Two BART Cars: Repair of two BART cars that were damaged in an accident in March 2011.	2015 TIP Development - Updated project funding plan to reflect actual year of obligation	EXEMPT (40 CFR 93.126) - Rehabilitation of transit vehicles	2040
Alameda	ALA110122	21011	ACTC	Local PDA Planning - Alameda	Alameda County Various Agencies: Planning assistance pass through to local jurisdictions to support transportation investments and improve their performance in Priority Development Areas (PDAs)	2015 TIP Development	EXEMPT (40 CFR 93.126) - Planning and technical studies	2040
Alameda	ALA110123	94526	AC Transit	AC Transit: Replace 27 40' Urban Buses	AC Transit: Purchase 27 40-foot replacement buses for use on local routes	2015 TIP Development	EXEMPT (40 CFR 93.126) - Purchase of new buses and rail cars to replace existing vehicles or for	2040
Alameda	ALA110124	94526	AC Transit	AC Transit: Replace 38 40' Suburban Buses	AC Transit: Procure 38 replacement 40-foot suburban buses	2015 TIP Development	EXEMPT (40 CFR 93.126) - Purchase of new buses and rail cars to replace existing vehicles or for	2040
Alameda	ALA130002	94526	AC Transit	AC Transit: Procure (27) 60' Artic Hybrid Buses	AC Transit: Purchase 27 60-foot diesel-electric hybrid articulated buses with dual-side doors for BRT service to replace older 60-foot articulated buses	2015 TIP Development	EXEMPT (40 CFR 93.126) - Purchase of new buses and rail cars to replace existing vehicles or for	2040
Alameda	ALA130003	240227	Oakland	Oakland Bay Trail to Lake Merritt Bike/Ped Bridge	Oakland: Over Embarcadero and UPRR tracks between Estuary park and Lake Merritt: Construct ADA accessible bicycle pedestrian bridge to link Bay Trail to Lake Merritt.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
Alameda	ALA130004	240381	Oakland	Oakland 19th Street Uptown Bike Station	Oakland: Adjacent to 19th St BART: construct a street level bicycle station. (Safe Routes to Transit RM2 project. RM2#20.43)	2015 TIP Development	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
Alameda	ALA130007	240196	BART	BART to Livermore Extension - Develop EIR	BART - Develop Draft Environmental Impact Report (DEIR) for the BART to Livermore Extension Project (Proposed Project).	2015 TIP Development	EXEMPT (40 CFR 93.126) - Planning and technical studies	2040
Alameda	ALA130008	240386	San Leandro	San Leandro Boulevard Preservation	San Leandro: San Leandro Blvd from Williams St to Hudson Ln: Pavement Preservation	2015 TIP Development	EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation	2040
Alameda	ALA130009	240386	Pleasanton	Pleasanton Complete Streets	Pleasanton: Valley Avenue from Bernal Ave to Hopyard Road and Hopyard Road from Black Avenue to Del Val Parkway: rehabilitate and resurface pavement and installing pedestrian improvements including	2015 TIP Development	EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation	2040
Alameda	ALA130010	240386	Livermore	Livermore Various Streets Preservation	Livermore: various streets: repair, rehabilitation, and preventative maintenance of pavement and bicycle/pedestrian facilities.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation	2040
Alameda	ALA130011	21011	Livermore	Livermore Relocation and Restoration of R/R Depot	In Livermore: Relocation and rehabilitation of the Historic Depot building to a site adjacent to the UPRR tracks and the Downtown parking structure/LAVTA's Transit Center. No loss of existing transit hub	2015 TIP Development - Update the funding plan	EXEMPT (40 CFR 93.126) - Reconstruction or renovation of transit buildings and structures (e.g., rail	2040

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Alameda	ALA130012	240386	Dublin	Dublin Boulevard Preservation	In Dublin: Dublin Boulevard between San Ramon Road and Village Parkway, Dublin Boulevard between San Ramon Road and Village Parkway: Pavement preservation	2015 TIP Development	EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation	2040
Alameda	ALA130013	240386	Hayward	Hayward - Industrial Boulevard Preservation	Hayward: Industrial Boulevard from Clawiter Road to 659 ft south of Depot Road: Pavement rehabilitation	2015 TIP Development	EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation	2040
Alameda	ALA130016	240386	Oakland	Oakland Complete Streets	In Oakland: Various federal aid eligible streets: Resurfacing and preventive maintenance including installation of ADA-compliant curb ramps, and installation (or reinstallation) of bikeway facilities	2015 TIP Development - Update the funding plan	EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation	2040
Alameda	ALA130018	240386	Alameda County	Alameda Co-Variou Streets and Roads Preservation	Unincorporated Alameda County: Various roadways including Grove Way, Lake Chabot Rd, A St, Vasco Rd, and Liberty St: Rehabilitate pavement	2015 TIP Development - Update the funding plan	EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation	2040
Alameda	ALA130019	240386	Piedmont	Piedmont Complete Streets (CS)	Piedmont: Highland Ave (Sierra to Mountain) and Moraga Ave (Pala to City Limits): Rehabilitate pavement and upgrade pedestrian, bicycle and transit facilities within the project boundaries	2015 TIP Development - Updated funding year to reflect new schedule.	EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation	2040
Alameda	ALA130020	240386	Fremont	Fremont Various Streets and Roads Preservation	Fremont: Various Roads: Rehabilitate Pavement	2015 TIP Development	EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation	2040
Alameda	ALA130021	240386	Emeryville	Emeryville - Hollis Street Preservation	Emeryville: Hollis Street north of Powell Street, Hollis Street (63rd Street to Ocean Avenue), Hollis Street (65th Street to 66th Street), Hollis Street (66th Street to north of 67th Street [City Limits]): Rehabilitate	2015 TIP Development	EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation	2040
Alameda	ALA130022	240386	Alameda	Alameda City Complete Streets	City of Alameda: Various Locations: Rehabilitate pavement and make minor improvements to stormwater, bike/ped, and transit facilities	2015 TIP Development	EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation	2040
Alameda	ALA130023	240386	Union City	Whipple Road Pavement Rehabilitation	Union City: Whipple Rd from Ithaca St to Amara St: Rehabilitate pavement including pavement hump at railroad tracks, add bike lanes where pavement widths are sufficient and add a concrete bus pad	2015 TIP Development	EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation	2040
Alameda	ALA130029	240745	Caltrans	Reconst I-880/SR92 Inter - Repl Planting & Irrigat	In Hayward: At I-880/SR92 Interchange: Install landscaping and irrigation	2015 TIP Development - Update funding plan	EXEMPT (40 CFR 93.126) - Plantings, landscaping, etc	2040
Alameda	ALA130030	240381	MTC	Improved Bike/Ped Access to East Span of SFOBB	In Oakland: In the vicinity of the East Span of the San Francisco-Oakland Bay Bridge: Construct improved bicycle and pedestrian access	2015 TIP Development	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
Alameda	ALA130033	21017	Union C Transit	Union City: Replacement of Two (2) Transit Buses	Union City Transit: Replace two (2) compressed natural gas (CNG) buses	2015 TIP Development	EXEMPT (40 CFR 93.126) - Purchase of new buses and rail cars to replace existing vehicles or for	2040
Alameda	ALA130035	240381	Berkeley	Bay Trail Shoreline Access Staging Area Project	City of Berkeley: Berkeley Marina, construct segment 3 of Bay Trail Extension, construct new public restroom, and renovate existing public parking area and windsurf staging area.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
Alameda	ALA150002	240386	Alameda County	Niles Canyon Rd (SR 84)/Pleasanton Sunol Rd Inter. Imps	In Sunol Area: At Niles Canyon Rd (SR 84), Pleasanton Sunol Rd and Paloma Rd intersection: Intersection improvements at the four corners including installation of a traffic signal, shoulder improvements	2015 TIP Development - Amend a new exempt project into the TIP	EXEMPT (40 CFR 93.127) - Intersection signalization projects at individual intersections	2040
Alameda	ALA150003	240392	Dublin	Dublin Blvd. - North Canyons Pkwy Ext. Study	Dublin: In the vicinity of the Dublin Boulevard-North Canyons Parkway extension project: Conduct a feasibility analysis to evaluate the needs and benefits of an integrated multimodal transportation system	2015 TIP Development - Amend a new exempt project into the TIP	EXEMPT (40 CFR 93.126) - Planning and technical studies	2040
Alameda	ALA990052	240382	AC Transit	AC Transit: Paratransit Van Replacement	AC Transit: Amortized cost of replacing vans used for AC Transit paratransit service. Vans are operated and replaced by paratransit contractor. FTA funds programmed annually in lieu of programming for	2015 TIP Development - Update project name	EXEMPT (40 CFR 93.126) - Operating assistance to transit agencies	2040
Alameda	ALA990076	240382	AC Transit	AC Transit: ADA Paratransit Assistance	AC Transit: ADA Paratransit Operating Subsidy.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Operating assistance to transit agencies	2040

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County	TIP ID	RTP ID	Sponsor	Project	Project Description	Description of Change	Air Quality Description	Conformity Analysis Year*
Alameda	ALA990077	94527	LAVTA	ADA Paratransit Operating Subsidy	LAVTA: ADA Paratransit Operating Subsidy	2015 TIP Development	EXEMPT (40 CFR 93.126) - Operating assistance to transit agencies	2040
Alameda	ALA991070	94526	AC Transit	AC Transit: Preventive Maintenance Program	AC Transit: Preventive maintenance for agency fleet and related equipment.	2015 TIP Development - Retain this project in the TIP for informational purposes as it is ongoing	EXEMPT (40 CFR 93.126) - Rehabilitation of transit vehicles	2040
Alameda	ALA991077	240381	Alameda County	E. 14th St/Mission Blvd Streetscape	Alameda County: On East 14th St/Mission Blvd between Thrush St and Rufus Court, Construct "bulb-outs" in conjunction with larger streetscape improvement in redevelopment area. HPP #308	2015 TIP Development - Update the funding plan	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
Contra Costa	CC-010021	240365	BART	Richmond Transit Village Transit & Ped Imps	Richmond: Richmond Transit Village; Construct pedestrian path & transit improvements at Transit Village. (Project Sponsor is BART and Richmond). MTC Housing Incentive Program (HIP) project.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Transportation enhancement activities (except rehabilitation and operation)	2040
Contra Costa	CC-030011	230693	Richmond	Doman Drive/Garrard Blvd Tunnel Rehabilitation	Richmond: Doman Drive/Garrard Blvd tunnel 1/4 mile south of Cutting Blvd; Repair tunnel and install post-construction monitoring system.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation	2040
Contra Costa	CC-030025	21017	WCCTA	WCCTA: Preventive Maintenance Program	WestCat: Operating assistance to aid agency with preventive maintenance activities of its fleet.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Operating assistance to transit agencies	2040
Contra Costa	CC-030034	94558	CCCTA	CCCTA: Preventive Maintenance Program	CCCTA: Preventive maintenance program of agency fleet.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Rehabilitation of transit vehicles	2040
Contra Costa	CC-030035	21017	ECCTA	Tri-Delta: ADA Operating Assistance	Tridella: Operating assistance to fund ADA Set Aside requirement.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Operating assistance to transit agencies	2040
Contra Costa	CC-030037	21017	ECCTA	ECCTA: Preventive Maintenance Program	TriDelta: Preventive Maintenance Program for agency fleet.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Rehabilitation of transit vehicles	2040
Contra Costa	CC-050010	230596	CCCTA	Pacheco Transit Hub	Pacheco Transit Hub: Construct Bus Transfer Station and expanded park and ride facility	2015 TIP Development	EXEMPT (40 CFR 93.127) - Bus terminals and transfer points	2015
Contra Costa	CC-050074	21210	WCCTA	Hercules Intermodal Station Improvements	Hercules: Intermodal Station along the capital corridor; Various passenger and station improvements.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Reconstruction or renovation of transit buildings and structures (e.g., rail)	2015
Contra Costa	CC-050075	240386	Danville	Crow Canyon/Camino Tassajara Intersection Imps	Danville: Camino Tassajara, fr Sycamore Valley Rd to Eastern Town limits & Crow Canyon, fr Camino Tassajara to Southern town limits; pavement rehab incl. signal, drainage, spot Sidewalk, curb/gutter &	2015 TIP Development	EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation	2040
Contra Costa	CC-070013	230249	Brentwood	Lone Tree Way Undercrossing	Brentwood: On Lone Tree Way at the UPRR track; Construct 6-lane grade separation undercrossing.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Railroad/highway crossing	2015
Contra Costa	CC-070033	21225	EB Reg Park Dis	Contra Costa Parks Bike/Ped Trail Improvements	Contra Costa County: Various County Parks; Various bicycle and pedestrian trail improvements. Construction will be done in different phases.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
Contra Costa	CC-070046	230218	El Cerrito	Del Norte Area TOD Bike/Ped/Transit Access Imps	Del Norte Intermodal Station: Transit Oriented Development and access improvements (transit connections include BART, bus, express bus, bicycle, and pedestrian).	2015 TIP Development	EXEMPT (40 CFR 93.127) - Bus terminals and transfer points	2020
Contra Costa	CC-070065	94046	Oakley	Main Street (Previously SR4) Realignment in Oakley	Oakley: On Main St (previously State Route 4) from west of Vintage Parkway to east of 2nd St; Realign roadway, sidewalks, curb, gutters, etc. including traffic calming and signals.	2015 TIP Development - Update funding plan and project description and change Regional Air Quality Code to "EXEMPT (40 CFR 93.127) - Intersection signalization projects at individual intersections"	EXEMPT (40 CFR 93.127) - Intersection signalization projects at individual intersections	2040
Contra Costa	CC-070067	21225	CCCTA	Mokelumne Trail Bike/Ped Overcrossing	Brentwood: Construct a pedestrian and bicycle overcrossing near the Mokelumne Trail at State Route 4 in Brentwood.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
Contra Costa	CC-070074	240365	El Cerrito	San Pablo Avenue Streetscape	El Cerrito: Along San Pablo Avenue (SR 123) from the Southern City limit to Northern City limit; Development of pedestrian, transit stop, and streetscape improvements (TLC).	2015 TIP Development	EXEMPT (40 CFR 93.126) - Transportation enhancement activities (except rehabilitation and operation)	2040
Contra Costa	CC-070084	21225	Pittsburg	Bailey Road Transit Access Improvements	Pittsburg: Bailey Road/BART/Mayland Road area; Pedestrian crossing improvements to BART station including sidewalk widening, security lighting.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040

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County	TIP ID	RTP ID	Sponsor	Project	Project Description	Description of Change	Air Quality Description	Conformity Analysis Year*
Contra Costa	CC-070092	21017	ECCTA	ECCTA: Transit Bus Replacements	Tri-Delta Transit: Replace 39 transit bus with similar buses.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Purchase of new buses and rail cars to replace existing vehicles or for	2040
Contra Costa	CC-090001	230693	Danville	Diablo Road Imps. - Green Valley to Avenida Neuva	On Diablo Road: add EB left turn pocket at Clydesdale Dr; drainage improvements; replacement of 1300 LF retaining wall between Green Valley Rd and Clydesdale Dr; overlay; replace guardrail.	2015 TIP Development - Update the funding plan	EXEMPT (40 CFR 93.127) - Intersection channelization projects for	2040
Contra Costa	CC-090004	22402	Danville	San Ramon Valley Bus Program	In San Ramon Valley: Operate a school bus program starting in FY 2010 in the peak hours to relieve congestion near schools in the San Ramon and Danville area	2015 TIP Development	EXEMPT (40 CFR 93.126) - Purchase of new buses and rail cars to replace existing vehicles or for	2040
Contra Costa	CC-090005	21225	Martinez	Martinez - Court Street Overcrossing, Phase 1	Construct a 19-foot wide bicycle, pedestrian, and emergency vehicle overcrossing to span Dimaggio Drive, the four tracks of UPRR and Marina Vista to connect North Court St. in the Waterfront Park, with	2015 TIP Development	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
Contra Costa	CC-090018	230084	Richmond	Marina Bay Parkway Grade Separation	Richmond: Marina Bay Parkway between Regatta Boulevard and Meeker Avenue: construct a roadway undercrossing in place of an existing grade crossing	2015 TIP Development	EXEMPT (40 CFR 93.126) - Railroad/highway crossing	2015
Contra Costa	CC-090035	22425	MTC	Regional Planning Activities and PPM - CC County	Contra Costa: Regional Planning Activities and Planning, Programming and Monitoring (PPM)	2015 TIP Development	EXEMPT (40 CFR 93.126) - Planning activities conducted pursuant to titles 23 and 49 U.S.C	2040
Contra Costa	CC-090063	21225	BART	BART Community Information Wayfinding	Contra Costa County: Multiple BART Stations: Wayfinding kiosks that provide destination maps at BART stations and other key locations.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Construction of small passenger shelters and information kiosks	2040
Contra Costa	CC-090065	21225	Hercules	Hercules (Bio-Rad) Bay Trail	As an element of the Hercules Intermodal Transit Center, construct 0.53-miles of SF Bay Trail in Hercules behind Bio-Rad facility at the end of Alfred Nobel Drive, the project will require the construction of	2015 TIP Development	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
Contra Costa	CC-090066	21225	El Cerrito	Mooser & Ashbury Ped/Bike Corridor Improvements	El Cerrito: Ashbury Ave: construct new sidewalk, Class II and III bikeways, and intersection improvements; Mooser Lane: construct new sidewalk, Class II and III bikeways and retaining wall	2015 TIP Development - Retain this project in the TIP for informational purposes as it is ongoing	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
Contra Costa	CC-090067	21225	Concord	Monument Corridor Pedestrian and Bikeway Network I	In Concord: Construct 12-foot wide, asphalt-paved Class I Bikeway from the Monument Blvd/Mohr Ln intersection to Victory Ln at Linden Dr, then continues across Victory Ln until Mayette Ave; including	2015 TIP Development	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
Contra Costa	CC-110005	240365	El Cerrito	El Cerrito Central Ave & Liberty St Streetscape Imp	El Cerrito: On Central Ave, San Pablo Av to the Ohlone Greenway Trail & Plaza BART Sta, and on Liberty St, Central Ave to Fairmount Ave, Streetscape Improvements	2015 TIP Development	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
Contra Costa	CC-110006	240365	Lafayette	Lafayette Downtown Bike/Ped Imp & Streetscape	Downtown Lafayette: Mt. Diablo Blvd. from Oak Hill Rd. to Min. View Dr., including Happy Valley Rd. Renovate/widen SW; install bike racks, enhanced crosswalks, curb bulbs, ped. scale lights, streetscape.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Transportation enhancement activities (except rehabilitation and operation	2040
Contra Costa	CC-110007	240365	Richmond	Richmond Transit Village: Nevin Imps BART-19th	On Nevin Ave bet 19th St and the BART Station, ped and bicycle street enhancements incl reconstruction of east entrance to the BART station, wide sidewalk, curb ramps, enhanced crosswalks, lighting.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
Contra Costa	CC-110009	230693	Brentwood	Brentwood 2012 Pavement Management Program	Brentwood: Sellers Ave between Chestnut St and South City limit; Sand Creek Rd between UPRR and 1900' W of Fairview Ave and O'Hara Ave between Sand Creek Rd and 2nd St, and Lone Tree Way between	2015 TIP Development	EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation	2040
Contra Costa	CC-110010	230693	Concord	Concord Blvd Pavement Rehabilitation	Concord: on Concord Boulevard from Sixth Street to Bailey Road: Grind and replace the top 2.50 inches of asphalt concrete. Two recent sidewalk projects from Sixth Street to Sattler Drive have installed a	2015 TIP Development	EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation	2040
Contra Costa	CC-110012	230693	Pittsburg	Pittsburg Railroad Avenue Pavement Rehab	In Pittsburg: On Railroad Ave from Linscheid Dr. to the southern City limit, pavement rehab, upgrade of curb ramps, replacement of pavement markings and traffic loops, adjustment of manholes and valve	2015 TIP Development	EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation	2040

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Contra Costa	CC-110013	230693	Walnut Creek	Walnut Creek Various Arterials & Collectors Rehab	In Walnut Creek: On San Luis Rd(Larkey to Main), Montego(Ygnacio Valley to Tamlico), California Blvd(Mt. Diablo to Botoho), California Blvd(Ygnacio Valley to Pringle) and Newell Ave(Main to Broadway);	2015 TIP Development	EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation	2040
Contra Costa	CC-110016	240365	Richmond	Richmond Transit Village: Nevin Imps 19th-27th	Richmond: On Nevin Ave bet 19th and 27th Streets, ped/bicycle improvements, traffic circle, lighting, curb ramps, upgrades to traffic signals, signage	2015 TIP Development	EXEMPT (40 CFR 93.126) - Transportation enhancement activities (except rehabilitation and operation)	2040
Contra Costa	CC-110017	21225	Pittsburg	Pittsburg N. Parkside Dr. Bike Lanes and Sidewalks	Pittsburg: North Parkside Drive, from Railroad Avenue to Range Road, and Willow Pass Road, from Range Road to Loftus Road/Seasons Drive: Widen to add bike lanes and sidewalks.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
Contra Costa	CC-110018	21225	Richmond	Richmond Barrett Avenue Bicycle Lanes	In Richmond: On Barrett Avenue between Garrard Boulevard and San Pablo Avenue: construct a class II and III bicycle facility along both sides of Barrett Avenue.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
Contra Costa	CC-110019	21225	Concord	Concord Monument Corridor Shared Use Trail	In Concord: Parallel to SR242 from Mayette Avenue/May Court to Meadow Lane: Construct a 1/2 mile shared use trail. The trail will be an alternate route for pedestrians and bicyclists traveling along the safety of	2015 TIP Development	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
Contra Costa	CC-110031	240367	Richmond	SR2S - Nystrom, Coronado Highland, Wilson & Wash.	In Richmond: In the vicinities of Nystrom, Coronado, Highland, Wilson, and Washington Elementary Schools: Implement engineering changes to pedestrian and bicycle routes to enhance the safety of	2015 TIP Development	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
Contra Costa	CC-110048	21225	Orinda	Moraga Way Pedestrian Pathway	In Orinda: on Moraga Way between Ivy Drive south and El Camino Moraga, construct pedestrian pathway and improve crosswalks.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
Contra Costa	CC-110049	240367	Pleasant Hill	Central-East County SR2S Program	In various jurisdictions in Central-East Contra Costa County: SR2S outreach and education program	2015 TIP Development	EXEMPT (40 CFR 93.126) - Grants for training and research programs	2040
Contra Costa	CC-110050	240367	Danville	San Ramon Valley Street Smarts SR2S Program	In various Contra Costa jurisdictions: Provide traffic safety education to students in grades K-12, better equipping them to make sound decisions when walking or bicycling to school. Deliver campaigns	2015 TIP Development	EXEMPT (40 CFR 93.126) - Grants for training and research programs	2040
Contra Costa	CC-110051	240367	Pleasant Hill	Lisa Lane Sidewalk Project	In Pleasant Hill: Lisa Ln between Marcia Dr. and Fair Oaks Elementary School: Construct new concrete sidewalk along the north side of Lisa Lane, as well as new Class II bike lanes along both sides of Lisa	2015 TIP Development	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
Contra Costa	CC-110052	240367	Brentwood	Brentwood Area Schools Bike/Ped Access Imps	Brentwood: Near three schools in the City of Brentwood: Improve pedestrian safety and access by providing safer crosswalk access across streets that serve three area schools	2015 TIP Development	EXEMPT (40 CFR 93.127) - Intersection signalization projects at individual intersections	2040
Contra Costa	CC-110055	240365	Moraga	Moraga Way Streetscape	Moraga: Streetscape and safety improvements; sidewalk gap closures, safety enhancements, bus shelters, lighting, street tree planting and street furniture (including bike racks) on Moraga Way bet. Moraga	2015 TIP Development	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
Contra Costa	CC-110057	21017	WCCTA	WCCTA: Replace (5) 1999 35' Revenue Vehicles	WCCTA: Replace (5) 35' vehicles with (5) new 35' low floor vehicles	2015 TIP Development	EXEMPT (40 CFR 93.126) - Purchase of new buses and rail cars to replace existing vehicles or for	2040
Contra Costa	CC-110058	21017	WCCTA	WCCTA: Purchase of non revenue Service Vehicle	WCCTA: Purchase of non revenue service vehicle for Operations staff	2015 TIP Development	EXEMPT (40 CFR 93.126) - Purchase of support vehicles	2040
Contra Costa	CC-110061	94558	CCCTA	CCCTA - Replace 10 40' buses - Hybrid	CCCTA: Replace 10 2000 40' hybrid buses that have reached the end of their useful life.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Purchase of new buses and rail cars to replace existing vehicles or for	2040
Contra Costa	CC-110062	94558	CCCTA	CCCTA: Replace 4 LINK Vans	CCCTA: Replace 4 2004 cut-away vans	2015 TIP Development - Retain this project in the TIP for informational purposes as it is ongoing	EXEMPT (40 CFR 93.126) - Purchase of new buses and rail cars to replace existing vehicles or for	2040

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Contra Costa	CC-110063	94558	CCCTA	CCCTA: Replace 4 Minivans	CCCTA: Replace 4 2004 mini-vans used for paratransit operations.	2015 TIP Development - Retain this project in the TIP for informational purposes as it is ongoing	EXEMPT (40 CFR 93.126) - Purchase of new buses and rail cars to replace existing vehicles or for	2040
Contra Costa	CC-110064	94558	CCCTA	CCCTA: Maintenance Facility Rehabilitation	CCCTA: Maintenance Facility replacement of in-ground and mobile lifts, door replacement, and maintenance exhaust system upgrade.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Reconstruction or renovation of transit buildings and structures (e.g., rail	2040
Contra Costa	CC-110065	94558	CCCTA	CCCTA: Inventory Asset Management System	CCCTA: Update the asset management software.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Purchase of office, shop, and operating equipment for existing facilities	2040
Contra Costa	CC-110066	22400	CCTA	SR 239 - New State Highway Study	SR 239 between SR4 in Brentwood and I-205 in Tracy: Conduct environmental and design studies to create a new alignment for SR239 and develop corridor improvements from Brentwood to Tracy.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Planning activities conducted pursuant to titles 23 and 49 U.S.C	2040
Contra Costa	CC-110082	240457	BART	Walnut Creek BART TOD Access Improvements	Walnut Creek: In the vicinity of the Walnut Creek BART Station: construct public access improvements that are part of the proposed transit-oriented development	2015 TIP Development	EXEMPT (40 CFR 93.126) - Transportation enhancement activities (except rehabilitation and operation	2030
Contra Costa	CC-110083	94558	CCCTA	Replace Diesel Trolleys with Electric TrolleyBuses	CCCTA: Replace four diesel trolleys with electric trolleys and install the associated infrastructure	2015 TIP Development	EXEMPT (40 CFR 93.126) - Purchase of new buses and rail cars to replace existing vehicles or for	2040
Contra Costa	CC-110084	21225	CC County	Canal Road Bicycle and Pedestrian Facilities	CC County: Canal Rd from Bailey Rd to Loftus Rd: Construct east and west bound bike lanes and close sidewalk gaps (2,350 ft in total length) on the north side of Canal Rd, other improvements include	2015 TIP Development - Update the funding plan	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
Contra Costa	CC-110092	21017	WCCTA	WCCTA Replace (8)1988 40' transit buses	WCCTA: Replace (8) 1988 40' vehicles with new 40' low floor Gillig vehicles.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Purchase of new buses and rail cars to replace existing vehicles or for	2040
Contra Costa	CC-110093	21017	WCCTA	WCCTA: Replace (2) 2002 35' transit buses	WCCTA: Replace (2) 2002 35' Gillig phantom with 2 35' Gillig low floor diesel vehicle	2015 TIP Development	EXEMPT (40 CFR 93.126) - Purchase of new buses and rail cars to replace existing vehicles or for	2040
Contra Costa	CC-110094	21017	WCCTA	WCCTA - Replace (2) 35 foot diesel transit vehicle	WCCTA: Replace (2) 35' (2000) vehicles with (2) 35vehicles	2015 TIP Development	EXEMPT (40 CFR 93.126) - Purchase of new buses and rail cars to replace existing vehicles or for	2040
Contra Costa	CC-110095	94558	CCCTA	CCCTA: Replace 7 30' Buses	CCCTA: Replace 7 30' buses that have reached the end of their useful life.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Purchase of new buses and rail cars to replace existing vehicles or for	2040
Contra Costa	CC-110096	94558	CCCTA	CCCTA - Replace 6 22' Paratransit Vans	CCCTA: Replace 6 paratransit vans that have reached the end of their useful life	2015 TIP Development - Retain this project in the TIP for informational purposes as it is ongoing	EXEMPT (40 CFR 93.126) - Purchase of new buses and rail cars to replace existing vehicles or for	2040
Contra Costa	CC-110097	94558	CCCTA	CCCTA - Replace 4 Paratransit Minivans	CCCTA: Replaces 4 paratransit minivans.	2015 TIP Development - Retain this project in the TIP for informational purposes as it is ongoing	EXEMPT (40 CFR 93.126) - Purchase of new buses and rail cars to replace existing vehicles or for	2040
Contra Costa	CC-110098	94558	CCCTA	CCCTA - Purchase and Install 40 Elec. Cooling Fans	CCCTA: Purchase 40 electric cooling fans and install them on diesel buses currently in the fleet.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Purchase of operating equipment for vehicles (e.g., radios, fareboxes, lifts,	2040
Contra Costa	CC-110099	94558	CCCTA	CCCTA - Replace 15 40' Buses	CCCTA: replace 15 40' Heavy Duty Diesel Transit Buses.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Purchase of new buses and rail cars to replace existing vehicles or for	2040

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Contra Costa	CC-110100	94558	CCCTA	CCCTA - Replace 18 40' Buses	CCCTA: Replace 18 40' Heavy Duty Diesel Over the Road Buses that have reached the end of their useful life.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Purchase of new buses and rail cars to replace existing vehicles or for	2040
Contra Costa	CC-110101	21011	CCTA	Local PDA Planning - Contra Costa	Contra Costa County Various Agencies: Planning assistance to local jurisdictions to support transportation investments and improve their performance in Priority Development Areas (PDAs)	2015 TIP Development - Update the funding plan and project schedule	EXEMPT (40 CFR 93.126) - Planning and technical studies	2040
Contra Costa	CC-110102	22423	Richmond	Easy Go Richmond	In Richmond, expand Easy Go KIDS CAB and Bicycle Program using STP/CMAQ funds	2015 TIP Development - Retain this project in the TIP for informational purposes as it is ongoing	EXEMPT (40 CFR 93.126) - Continuation of ride-sharing and van-pooling promotion activities at	2040
Contra Costa	CC-130001	21225	CC County	Bailey Road-State Route 4 Interchange	In Bay Point: At the Bailey Road-State Route 4 interchange; modify ramps to improve bicycle and pedestrian circulation.	2015 TIP Development - Update the funding plan	EXEMPT (40 CFR 93.127) - Interchange reconfiguration projects	2040
Contra Costa	CC-130003	21225	CC County	Bailey Road Bike and Pedestrian Improvements	Bay Point: Bailey Road and Willow Pass Road: Underground overhead utilities, reconstruct sidewalk, install bike lanes, and landscape for community enhancement and beautification. Project will be	2015 TIP Development - Update the funding plan	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
Contra Costa	CC-130004	230693	CC County	Contra Costa County Various Streets & Road Preserv	CC County: Pleasant Hill Road (northbound Rancho View Dr to Reliez Valley Rd), Vasco Road (Walnut Blvd to Frisk Creek Bridge), and Byron Highway(Brentwood Blvd to Marsh Creek Rd); pavement	2015 TIP Development - Update the funding plan	EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation	2040
Contra Costa	CC-130007	230693	Pleasant Hill	Pleasant Hill - Contra Costa Blvd, Preservation	In Pleasant Hill: along Contra Costa Boulevard between Chilpancingo Parkway and Viking Drive; Rehabilitate pavement, install landscaping, install street lighting; At intersection of Contra Costa Blvd and	2015 TIP Development	EXEMPT (40 CFR 93.127) - Intersection signalization projects at individual intersections	2040
Contra Costa	CC-130008	240744	San Ramon	San Ramon Valley Boulevard Preservation	San Ramon: San Ramon Valley Blvd between Bollinger Canyon Rd and Montevideo Dr; Pavement rehabilitation	2015 TIP Development	EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation	2040
Contra Costa	CC-130009	240744	Lafayette	Mt. Diablo Blvd West End Preservation	Lafayette: Mt. Diablo Blvd from Mtn. View Dr to El Nido Ranch Rd; Implement pavement maintenance and rehab treatment, including failed area repairs, rubberized cape seal, possible cold in-place recycling	2015 TIP Development	EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation	2040
Contra Costa	CC-130010	240367	Lafayette	Happy Valley Rd. Walkway SRTS Improvements	In Lafayette: Happy Valley Rd. between Panorama Dr. and Redwood Lane; construct a walkway	2015 TIP Development	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
Contra Costa	CC-130011	240744	Concord	Detroit Avenue Bicycle and Pedestrian Improvements	Concord: Detroit Ave between Clayton Rd and Monument Blvd; Complete streets improvements including bike lanes and bike routes with sharrows; sidewalk gap closures; signalization of two intersections;	2015 TIP Development - Update the funding plan	EXEMPT (40 CFR 93.127) - Intersection signalization projects at individual intersections	2040
Contra Costa	CC-130012	240744	Concord	Concord Various Street Preservation	Concord: Concord Blvd (Port Chicago Hwy to 6th Street) and Arnold Industrial Way (Port Chicago Hwy to Pike Lane); Grind and replace the top 2.5" of asphalt concrete and upgrade sidewalk/curb ramps	2015 TIP Development	EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation	2040
Contra Costa	CC-130013	240367	Concord	Peof/Bike Traffic Signal at Oak Grove Rd/Sierra Rd	Concord: Oak Grove Road at Sierra Road; Install an actuated Pedestrian/Bicycle Traffic Signal	2015 TIP Development	EXEMPT (40 CFR 93.127) - Intersection signalization projects at individual intersections	2040
Contra Costa	CC-130014	240744	BART	Richmond BART Station Intermodal Improvements	Richmond: At the Richmond BART Station; Redesign the intermodal zone to improve operational efficiencies; create a clear pedestrian path and upgrade amenities for passengers	2015 TIP Development	EXEMPT (40 CFR 93.127) - Bus terminals and transfer points	2040
Contra Costa	CC-130015	240744	Pinole	Pinole - San Pablo Avenue Preservation	Pinole: San Pablo Avenue from Pinole Shores Drive to Sunnyview Drive; Pavement Resurface, and miscellaneous concrete repairs to curbs and gutter	2015 TIP Development	EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation	2040
Contra Costa	CC-130016	240744	Pittsburg	Pittsburg - Railroad Avenue Preservation	In Pittsburg: On Railroad Avenue between Linscheid Avenue and State Route 4; Rehabilitate roadway including base failure repairs, pavement grinding, AC overlay, concrete curb, gutter and sidewalk repair	2015 TIP Development	EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation	2040
Contra Costa	CC-130017	240367	Pittsburg	Pittsburg School Area Safety Improvements	In Pittsburg: At seven school locations; Install rectangular rapidly flashing beacons and may include curb extensions and median fencing.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Traffic control devices and operating assistance other than signalization	2040

* Projects with conformity analysis years 2040 reference programmatic projects or projects with a completion date after 2030 in Plan Bay Area

List of 2015 TIP Projects by County

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County	TIP ID	RTP ID	Sponsor	Project	Project Description	Description of Change	Air Quality Description	Conformity Analysis Year*
Contra Costa	CC-130018	240744	Brentwood	Balfour Road Preservation	Brentwood: Balfour Road between Pippo Avenue and Minnesota Avenue: Grind and overlay pavement, upgrade existing handicapped ramps, replace traffic signal detector loops and add bicycle detector	2015 TIP Development	EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation	2040
Contra Costa	CC-130019	240744	Antioch	Antioch Ninth Street Preservation	Antioch: 9th Street From "A" to "H" Street: Reconstruct pavement section, grind and overlay pavement, replace HC ramps to meet ADA, replace damaged sidewalks and curb and gutter, install new valley	2015 TIP Development - Update the funding plan and project schedule	EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation	2040
Contra Costa	CC-130020	240744	Moraga	Moraga Various Streets and Roads Preservation	Moraga: Moraga Road from St Marys Road to Draeger Drive: Perform pavement base repairs; mill and place 2" asphalt concrete; adjust utility frame to grade; install shoulder backing; replace striping and	2015 TIP Development	EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation	2040
Contra Costa	CC-130021	240744	El Cerrito	El Cerrito Various Streets and Roads Preservation	El Cerrito: Various Streets and Roads: Rehabilitate pavement	2015 TIP Development - Update funding plan	EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation	2040
Contra Costa	CC-130022	240367	Antioch	Antioch - SRTS Pedestrian Improvements	Antioch: Cavallo/Garrow Rd from Wilbur Ave to Dawson Dr, and Tregallas from Lone Tree Way to Hillcrest: Construct new crosswalks and ADA ramps; Drake St from A St to G St: Install new wider sidewalks	2015 TIP Development - Update the funding plan and project schedule	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
Contra Costa	CC-130023	240744	Danville	Danville Various Streets and Roads Preservation	Danville: Sycamore Valley Road from Camino Ramon to San Ramon Valley Boulevard including the bus loop within the adjoining Park-and-Ride Lot, and El Cerro Boulevard from El Pintado Road to La Gonda	2015 TIP Development	EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation	2040
Contra Costa	CC-130024	240744	El Cerrito	El Cerrito Ohlone Greenway Bike/Ped Improvements	El Cerrito: On the Ohlone Greenway at the El Cerrito Del Norte and El Cerrito Plaza BART stations and at the intersections of Hill St, Cutting Blvd, and Fairmount Ave: Widen existing pathway and install	2015 TIP Development - Update the funding plan	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
Contra Costa	CC-130025	230693	Marinez	Marinez Various Streets and Roads Preservation	Marinez: Various Streets and Roads: Rehab and perform preventative pavement maintenance to roadways and modify curb ramps to meet current ADA standards	2015 TIP Development - Update the funding plan	EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation	2040
Contra Costa	CC-130026	240744	Richmond	Richmond Local Streets and Roads Preservation	Richmond: Various Streets and Roads: Rehabilitate pavement and install curb ramps	2015 TIP Development - Update the funding plan	EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation	2040
Contra Costa	CC-130027	240367	CC County	Port Chicago Hwy/Willow Pass Rd Bike Ped Upgrades	Bay Point: Near the intersection of Port Chicago Hwy and Willow Pass Rd: Install bike lane, sidewalk, curb and gutter, bike/ped access improvements, and intersection channelization	2015 TIP Development - Update the funding plan	EXEMPT (40 CFR 93.127) - Intersection channelization projects	2040
Contra Costa	CC-130028	240744	San Pablo	San Pablo Various Streets and Roads Preservation	San Pablo: Various Street and Roads: Implement pavement Maintenance treatments (mill & plug, slurry seal with digout repairs, overlay)	2015 TIP Development	EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation	2040
Contra Costa	CC-130029	240367	Pleasant Hill	Boyd Road/Elinora Drive SRTS Sidewalk Installation	Pleasant Hill: Along north side of Boyd Road (between Horten Ct and Liahona Ct) and west side of Elinora Dr (between Gladys Dr to Gregory Ln): Install concrete sidewalk, new curb/gutter, driveway	2015 TIP Development	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
Contra Costa	CC-130030	240744	Clayton	Clayton Various Streets Preservation	Clayton: Keller Ridge Dr from Eagle Peak Ave to Elk Dr and Eagle Peak Ave from Oakhurst Dr to Keller Ridge Dr: Rehabilitate roadway	2015 TIP Development	EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation	2040
Contra Costa	CC-130031	240744	Oakley	Oakley Various Streets and Roads Preservation	Oakley: Various streets and roadways: Rehabilitate roadway including striping	2015 TIP Development	EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation	2040
Contra Costa	CC-130032	240744	San Pablo	San Pablo Avenue Bicycle and Ped Improvements	San Pablo and Richmond: On San Pablo Avenue between Rivers Street and Hilltop Drive: Construct sidewalks and bicycle lanes	2015 TIP Development	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
Contra Costa	CC-130033	240744	Walnut Creek	Walnut Creek - North Main Street Preservation	Walnut Creek: North Main Street from San Luis Road to Geary Road: Rehabilitate roadway and upgrade traffic signal equipment to detect bicycles	2015 TIP Development	EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation	2040
Contra Costa	CC-130034	240367	CC County	West Contra Costa SRTS Non-Infrastructure Program	West Contra Costa County: Various Schools: Conduct educational and outreach programs to encourage and educate students to walk or bike to school	2015 TIP Development - Update the funding plan	EXEMPT (40 CFR 93.126) - Grants for training and research programs	2040

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Contra Costa	CC-130036	240367	Orinda	Orinda SRTS Sidewalk Project	In Orinda: On Ivy Drive from Fiesta Circle to Risa Ct and Coral Drive from Eastwood Dr to Ardith Dr. Installation of sidewalks in the vicinity of Orinda Intermediate School.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
Contra Costa	CC-130037	240367	Moraga	Moraga Rd SRTS Bicycle and Ped Improvements	In Moraga: On Moraga Road between Campolindo High School and St. Mary's Road: Install pedestrian and bicycle facilities, including trails, sidewalks, crossings and bicycle facilities.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
Contra Costa	CC-130038	240367	Danville	Vista Grande Street Pedestrian Improvements/SR2S	Danville: Vista Grande Street between Camino Tassajara and Diablo Road/Vista Grande Elementary School: Construct separated asphalt concrete pathway and safety enhancements to provide direct	2015 TIP Development	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
Contra Costa	CC-130040	230693	Hercules	Hercules-Refugio Valley Road Pavement Preservation	In Hercules: Refugio Valley Road from Sycamore Avenue to Redwood Road: Resurface roadway	2015 TIP Development	EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation	2040
Contra Costa	CC-130041	240367	San Ramon	Citywide School Crossing Enhancement Project	In San Ramon: At Windemere Parkway/Holborn, Windemere Parkway/Kearny, Harcourt at Craiglee, Talavera at Cardona and Alcosta Blvd at South Driveway (Fire Station 34): Install Pedestrian and Bicycle	2015 TIP Development	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
Contra Costa	CC-130042	240744	Orinda	Ivy Drive Pavement Rehabilitation	In Orinda: along Ivy Drive from Fiesta Drive north to Moraga Way: Rehabilitate pavement	2015 TIP Development	EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation	2040
Contra Costa	CC-130044	94558	CCCTA	511 Real-Time Interface Project	CCCTA: Systemwide: Interface County Connection's existing Real-Time software with 511	2015 TIP Development - Update the funding plan	EXEMPT (40 CFR 93.126) - Construction or renovation of power, signal, and communications systems	2040
Contra Costa	CC-130045	94558	CCCTA	CCCTA: Access Improvements Implementation	CCCTA: Various bus stops system-wide: Implement bicycle and pedestrian access improvements identified in County Connection's Access Improvement Study.	2015 TIP Development - Update the funding plan	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
Contra Costa	CC-130048	94525	BART	BART Station Modernization Program	BART: AT Walnut Creek and El Cerrito Stations: Implement modernization improvements including station Access improvements, upgrade of lighting, elevator, escalator, stairs, railings, station agent booth.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Transportation enhancement activities (except rehabilitation and operation)	2040
Contra Costa	CC-130049	240731	EB Reg Park Dis	Breuner Marsh Restoration and Public Access	City of Richmond: Breuner Marsh at Point Pinole Regional Shoreline Park: Implement public access improvements including a staging area and associated bicycle and pedestrian access improvements	2015 TIP Development	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
Contra Costa	CC-130050	240731	EB Reg Park Dis	SF Bay Trail, Pinole Shores to Bay Front Park	City of Pinole: between Pinole Shores and Bayfront Park approximately 0.5-mile: Construct a section of the San Francisco Bay Trail	2015 TIP Development	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
Contra Costa	CC-990045	21017	WCCTA	WCCTA: ADA Paratransit Operating Subsidy	WCCTA: ADA Paratransit Operating Subsidy	2015 TIP Development	EXEMPT (40 CFR 93.126) - Operating assistance to transit agencies	2040
Contra Costa	CC-991001	94558	CCCTA	CCCTA: ADA Paratransit Assistance	CCCTA: ADA Paratransit Assistance to transit agency.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Operating assistance to transit agencies	2040
Marin	MRN010006	240678	Marin County	Tennessee Valley Bridge	Marin: Tennessee Valley Bridge: Reconstruct bridge no additional travel lanes. (Also See MRN990028 for PSE & ENV).	2015 TIP Development - Retain this project in the TIP for informational purposes as it is ongoing	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
Marin	MRN030010	94572	GGBHTD	GGBHTD: Fixed Guideway Connectors	Golden Gate Ferry: This project will replace/rehab fixed guideway connectors such as floats, floating barges, ramps, and gangways throughout the system.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Reconstruction or renovation of transit buildings and structures (e.g., rail)	2040
Marin	MRN030011	94572	GGBHTD	GGBHTD: Ferry Major Components Rehabilitation	Golden Gate Ferry: Rehab. replace major ferry components like propulsion & navigation systems, dry-dock, hull, interior and other components.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Rehabilitation of transit vehicles	2040
Marin	MRN050001	21325	TAM	US 101 / Greenbrae Interchange Corridor Impls.	Marin: US 101 Greenbrae I/C Corridor Improvements: Sir Francis Drake To Tamalpais: Reconfigure interchange and close a gap in the non-motorized transportation network	2015 TIP Development - Update the funding plan and project scope	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2020
Marin	MRN050012	240714	Caltrans	US 101 - Golden Gate Botanical Area Revegetation	Golden Gate Botanical Management Area: along US 101 from Golden Gate Bridge to Rodeo Ave. Native plant revegetation.	2015 TIP Development - Retain this project in the TIP for informational purposes as the project is ongoing	EXEMPT (40 CFR 93.126) - Plantings, landscaping, etc	2040

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County	TIP ID	RTP ID	Sponsor	Project	Project Description	Description of Change	Air Quality Description	Conformity Analysis Year*
Marin	MRN050014	240552	TAM	Central Marin Ferry Access Improvements	Central Marin: From the southern terminus of the Cal Park Hill path connecting to the east/west path adjacent to E. Sir Francis Drake Blvd.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2015
Marin	MRN050015	94572	GGBHDT	4 Replacement Express Buses	GGBHDT: Replace 4 Express Buses.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Purchase of new buses and rail cars to replace existing vehicles or for	2040
Marin	MRN050018	21012	GGBHDT	Golden Gate Bridge Seismic Retrofit, Phase 3B	SF/Marin County: Golden Gate Bridge; Seismic retrofit of the Golden Gate Bridge - construction of suspension span, south pier and fender.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Widening narrow pavements or reconstructing bridges (no additional travel	2020
Marin	MRN050019	240748	GGBHDT	Golden Gate Bridge-Suicide Deterrent SafetyBarrier	Golden Gate Bridge: Build suicide deterrent system, including design & Environmental analysis, plus analysis of alternatives & wind tunnel tests to ensure the feasibility of designs and build deterrent	2015 TIP Development	EXEMPT (40 CFR 93.126) - non-Federal-aid system roads	2040
Marin	MRN050025	94572	GGBHDT	GGBHDT: Facilities Rehabilitation	GGBHDT: Rehabilitate agency's maintenance and operating facilities and replace heavy duty operating and maintenance equipment.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Reconstruction or renovation of transit buildings and structures (e.g., rail	2040
Marin	MRN050033	240678	Marin County	Non-motorized Transp. Pilot Program - Marin County	Marin County: Various locations: Lump sum Non-motorized Transportation Pilot Program. Project is consistent with 40 CFR Part 93.126, 127, 128. Exempt Tables 2 & 3.	2015 TIP Development - Retain this project in the TIP for informational purposes as it is ongoing	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
Marin	MRN070001	240723	MCTD	Marin county: Bus Stop Improvements	MCTD: Improvements including bus stops, enhanced shelters, accessible pathways, bicycle racks and other passenger amenities.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Reconstruction or renovation of transit buildings and structures (e.g., rail	2040
Marin	MRN070002	240714	Mill Valley	Mill Valley - Miller Avenue Rehabilitation	Mill Valley: Miller Avenue: Pavement resurfacing, reconstruction of bicycle lanes, modifications to traffic islands, and improvements to sidewalk facilities.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation	2040
Marin	MRN070003	240678	TAM	Marin Bike/Ped Facility North of Atherton Ave.	Marin County: Along US 101 from north of Atherton Avenue to south of Petaluma River bridge; Construct bicycle-pedestrian facility.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
Marin	MRN070009	240678	San Rafael	San Rafael - Non-motorized Transport Pilot Program	San Rafael: Construct infrastructure, network planning, & educational programs to ascertain whether bicycling and walking can result in greater share of overall trips and reduce SOV usage.	2015 TIP Development - Retain this project in the TIP for informational purposes as it is ongoing	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
Marin	MRN070012	240678	Sausalito	Sausalito - Non-motorized Transp. Pilot Program	Sausalito: Construct infrastructure, network planning, & educational programs to ascertain whether bicycling and walking can result in greater share of overall trips and reduce SOV usage.	2015 TIP Development - Retain this project in the TIP for informational purposes as the project is ongoing	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
Marin	MRN070015	240678	Larkspur	Larkspur - Non-motorized Transp. Pilot Program	Larkspur: Doherty Dr. between downtown and Redwood HS: Construct infrastructure, network planning, & educational programs to ascertain whether bicycling and walking can result in greater share of overall trips and reduce SOV usage.	2015 TIP Development - Retain this project in the TIP for informational purposes	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
Marin	MRN070017	240678	TAM	TAM - Non-motorized Transportation Pilot Program	Marin County: Construct infrastructure, network planning, & educational programs to ascertain whether bicycling and walking can result in greater share of overall trips and reduce SOV usage.	2015 TIP Development - Retain this project in the TIP for informational purposes as it is ongoing	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
Marin	MRN070019	230105	Marin County	Marin Parklands Visitor Access, Phase 2	Marin Parklands: Pacific Way bridge at Big Lagoon: Reconstruct bridge and widen to add bike lanes. No added motor-vehicle capacity	2015 TIP Development	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2015
Marin	MRN090008	240714	Various	Marin County: Major Roads Rehabilitation	Marin County: Rehab. on major roads of countywide significance	2015 TIP Development	EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation	2040
Marin	MRN090020	22425	MTC	Regional Planning Activities and PPM - Marin	Marin: Regional Planning Activities and Planning, Programming and Monitoring (PPM)	2015 TIP Development	EXEMPT (40 CFR 93.126) - Planning activities conducted pursuant to titles 23 and 49 U.S.C	2040
Marin	MRN090025	94572	GGBHDT	GGBHDT: Replacement of Ferry Propulsion Systems	Golden Gate Transit: Replacement of power distribution systems, propellers, engines and generators for Golden Gate Ferry vessels.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Rehabilitation of transit vehicles	2040

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Marin	MRN090034	94572	GGBHDT	GGBHDT: Replace 11 - 1997 45' MCI Buses	Marin County: Replace 11 - 1997 45' MCI Buses at the end of their useful life.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Purchase of new buses and rail cars to replace existing vehicles or for	2040
Marin	MRN090049	240678	Marin County	Non-motorized Transp. Projects - Marin County	Marin County: Various locations: Bicycle & pedestrian improvement projects	2015 TIP Development - Retain this project in the TIP for informational purposes as it is ongoing	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
Marin	MRN090050	240678	Marin County	Sir Francis Drake Boulevard Westbound Bike Lane	Marin County: On Sir Francis Drake Blvd. from Baywood Canyon to the top of White's Hill (Mile Post 9.75); reconstruct and in some locations, widen the westbound portion of the shoulder to provide bicycle	2015 TIP Development - retain this project in the TIP for informational purposes as it is ongoing	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
Marin	MRN090052	240714	Mill Valley	Mill Valley - Sycamore Ave Pedestrian Facilities	Mill Valley: Sycamore Avenue between Camino Alto and Bay Front Park: Install new pedestrian sidewalk and adjacent Class I bike path, lighting, high visibility school zone crosswalk markings, street	2015 TIP Development	EXEMPT (40 CFR 93.126) - Transportation enhancement activities (except rehabilitation and operation	2040
Marin	MRN090053	240714	Marin County	Marin County: Southern Marin Roads Rehab	Project will rehabilitate portions of Laurel Grove Avenue, Ricardo Road, and Panoramic Highway.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation	2040
Marin	MRN110003	240714	Caltrans	US-101 Mission Bell Installation	In Marin and Sonoma Counties: Along US-101: Install historic Mission Bells	2015 TIP Development - Retain this project in the TIP for informational purposes as the project is ongoing	EXEMPT (40 CFR 93.126) - Transportation enhancement activities (except rehabilitation and operation	2040
Marin	MRN110004	21017	MCTD	Local Bus Stop Revitalization in Marin County	Marin County: Various Locations: Bring outdated local bus stops into compliance with current accessibility and passenger amenity standards	2015 TIP Development	EXEMPT (40 CFR 93.126) - Reconstruction or renovation of transit buildings and structures (e.g., rail	2040
Marin	MRN110008	240714	San Rafael	San Rafael Citywide Street Resurfacing	In San Rafael: Various city streets: Resurface streets.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation	2040
Marin	MRN110010	240678	Sausalito	Sausalito - Bridgeway/US 101 Off Ramp Bicycle Imps	Sausalito: Highway 101 Off Ramp/Bridgeway/Gate 6 Intersection: Improve bicycle traffic.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
Marin	MRN110028	21017	MCTD	Marin Transit - Replace 3 - 2005 Paratransit Vans	Marin Transit: Replace 3 - 2005 paratransit vans that have reached the end of their useful life	2015 TIP Development - Retain this project in the TIP for informational purposes as it is ongoing	EXEMPT (40 CFR 93.126) - Purchase of new buses and rail cars to replace existing vehicles or for	2040
Marin	MRN110029	240678	San Rafael	San Rafael: Sidewalk along East Francisco Blvd	City of San Rafael: Along East Francisco Boulevard from Vivian Way to Grand Avenue; Sidewalk improvements	2015 TIP Development - Retain this project in the TIP for informational purposes as it is ongoing	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
Marin	MRN110030	230252	MCTD	Capital Improvements For Muir Woods Shuttle	Marin County: Purchase Three 35 foot XHF Vehicles, Implement a Real Time Bus Arrival System, and Upgrade Passengers Facilities for Muir Woods Shuttle. These vehicles replace vehicles that are being	2015 TIP Development - Retain this project in the TIP for informational purposes as it is ongoing	EXEMPT (40 CFR 93.126) - Purchase of new buses and rail cars to replace existing vehicles or for	2040
Marin	MRN110033	240678	Marin County	Miller Creek Road Bike Lanes and Ped Improvements	In Marin County: On Miller creek road, Add Class 2 Bicycle Lanes by restriping road and intersection improvements at Miller Creek and Marinwood Avenue to enhance pedestrian and cyclist safety	2015 TIP Development	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
Marin	MRN110034	240729	TAM	Highway 101 Landscaping for Gap Closure Project	In Marin County, On Highway 101, Landscaping for the Gap Closure Project.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Plantings, landscaping, etc	2040
Marin	MRN110039	21011	TAM	Local PDA Planning - Marin	Marin County Various Agencies: Planning assistance pass through to local jurisdictions to support transportation investments and improve their performance in Priority Development Areas (PDAs)	2015 TIP Development	EXEMPT (40 CFR 93.126) - Planning and technical studies	2040
Marin	MRN110040	240723	MCTD	MCTD Preventive Maintenance	Marin Transit: Systemwide: Bus Transit Preventative maintenance	2015 TIP Development - Update the funding plan	EXEMPT (40 CFR 93.126) - Rehabilitation of transit vehicles	2040
Marin	MRN110041	240723	MCTD	Marin Transit Low Income Youth Pass Program	Marin Transit: Provide low-income youth free bus passes. Other local funds are made available for this project by applying STP/CMAQ funding available through the TPI program to MRN110040	2015 TIP Development	EXEMPT (40 CFR 93.126) - Continuation of ride-sharing and van-pooling promotion activities at	2040

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Marin	MRN110042	21017	MCTD	Marin Transit Replace Four Local Buses	Marin Transit: Replace four local buses	2015 TIP Development - Retain this project in the TIP for informational purposes	EXEMPT (40 CFR 93.126) - Purchase of new buses and rail cars to replace existing vehicles or for	2040
Marin	MRN110043	21017	MCTD	Marin Transit Seven Local Buses	Marin Transit: Replace seven local buses	2015 TIP Development	EXEMPT (40 CFR 93.126) - Purchase of new buses and rail cars to replace existing vehicles or for	2040
Marin	MRN110044	240723	MCTD	Marin Transit - Replace Paratransit Vehicles	Marin Transit: Replace 13 Paratransit vehicles	2015 TIP Development - Update the project title	EXEMPT (40 CFR 93.126) - Purchase of new buses and rail cars to replace existing vehicles or for	2040
Marin	MRN110045	94572	GGBHTD	GGBHTD - Replace 7 - 40' Diesel Buses	GGBHTD: Replace seven (7) 40' Diesel Buses	2015 TIP Development	EXEMPT (40 CFR 93.126) - Purchase of new buses and rail cars to replace existing vehicles or for	2040
Marin	MRN110046	94572	GGBHTD	GGBHTD - Replace 14 - 45' OTR Coaches	GGBHTD: Replace fourteen (14) 45' Over-The-Road coaches	2015 TIP Development	EXEMPT (40 CFR 93.126) - Purchase of new buses and rail cars to replace existing vehicles or for	2040
Marin	MRN110047	21017	MCTD	MCTD- ADA Paratransit Assistance	MCTD: ADA Paratransit Assistance to transit agency.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Operating assistance to transit agencies	2040
Marin	MRN130004	240714	San Rafael	San Rafael Various Streets and Roads Preservation	San Rafael: Point San Pedro Rd from 600' north of Biscayne Dr to Riviera Dr and Del Presidio Blvd from Manual T. Freitas Parkway to Las Gallinas Ave. Resurface roadway	2015 TIP Development - Updated project schedule	EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation	2040
Marin	MRN130005	240678	San Rafael	San Rafael Transit Center Pedestrian Access Imps.	San Rafael: In the vicinity of the Bettini Transit Center and the future SMART station: Upgrade existing traffic signal equipment to be compliant with rail and improve pedestrian facilities	2015 TIP Development - Update the funding plan	EXEMPT (40 CFR 93.127) - Intersection signalization projects at individual intersections	2040
Marin	MRN130006	240714	Ross	Bollinas Avenue and Sir Francis Drake Intersection	Ross: On Sir Francis Drake Blvd from Winship Ave through the 100 block and on Bollinas Ave from Sir Francis Drake Blvd to Shady Ln: Rehabilitate pavement and replace the traffic signal	2015 TIP Development	EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation	2040
Marin	MRN130007	240678	Marin County	North Civic Center Drive Improvements	In San Rafael: On Civic Center Drive from Merrydale Overcrossing/Sceltirini Drive to Judge Haley Drive: Construct biked improvements	2015 TIP Development	EXEMPT (40 CFR 93.127) - Intersection channelization projects	2040
Marin	MRN130009	240724	Fairfax	Parkade Circulation and Safety Improvements	Fairfax: Between Sir Francis Drake Boulevard, Pacheco Avenue, Claus Drive and Broadway: Improve bicycle, pedestrian, transit, and vehicular circulation and safety around and through the Parkade in	2015 TIP Development	EXEMPT (40 CFR 93.127) - Bus terminals and transfer points	2040
Marin	MRN130010	240744	Marin County	Donahue Street Road Rehabilitation Project	Marin County: Donahue St from Drake Ave. to Bridge Blvd. and Bridge Blvd. from Donahue St. to Bridgeway. Rehabilitate roadway: Donahue St. at Terners Dr. and at Bridge Blvd: Upgrade traffic signal	2015 TIP Development	EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation	2040
Marin	MRN130011	240714	Novato	DeLong Avenue and Ignacio Boulevard Resurfacing	Novato: At the DeLong Avenue and Ignacio Boulevard interchanges: Reconstruct the bridge deck approaches with appropriate conforms and improved pavement surfaces to improve vehicular, pedestrian	2015 TIP Development	EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation	2040
Marin	MRN130012	240715	Mill Valley	Bayfront Park Recreational Bay Access Pier Rehab	Mill Valley: Bayfront Park: Construct trail connector to Bay Trail and waterfront including a reconstruction of the pier	2015 TIP Development	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
Marin	MRN130013	240715	San Anselmo	Sunny Hill Ridge and Red Hill Trails	In San Anselmo: Near Sunny Hill and Red Hill: Construct three miles of hiking trails	2015 TIP Development	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
Marin	MRN130014	240715	Marin County	Mill Valley-Sausalito Pathway Preservation	Marin County: Mill Valley-Sausalito multiuse pathway from East Blithedale Avenue to Gate 6 Road in Sausalito: Rehabilitate walkway	2015 TIP Development	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
Marin	MRN130015	94572	GGBHTD	GGBHTD - Transit Systems Enhancements	GGBHTD: Systemwide: Systems, technology and communications enhancements to transit fleet and facilities.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Transportation enhancement activities (except rehabilitation and operation	2040

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County	TIP ID	RTP ID	Sponsor	Project	Project Description	Description of Change	Air Quality Description	Conformity Analysis Year*
Marin	MRN970016	21012	GGBHTD	Golden Gate Bridge Seismic Retrofit, Ph: 1-3A	San Francisco Marin Counties: Golden Gate Bridge; Seismic retrofit of the Golden Gate Bridge - construction on north and south approach viaducts, and Ft. Point Arch.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Widening narrow pavements or reconstructing bridges (no additional travel)	2020
Marin	MRN990017	94572	GGBHTD	Ferry channel & berth dredging.	Golden Gate Ferry: From San Francisco to Marin County; Dredge ferry channel and berth.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Reconstruction or renovation of transit buildings and structures (e.g., rail)	2040
Napa	NAP010002	94075	Caltrans	Design of SR 12/29/Airport Blvd Grade Separation	Napa: SR 12/29 (Airport Blvd) Intersection; Grade Separation. (Environmental Only)	2015 TIP Development	EXEMPT (40 CFR 93.126) - Engineering to assess social, economic, and environmental effects of the	2020
Napa	NAP030004	21017	NCTPA	NCTPA: ADA Operating Assistance	Napa: ADA operating assistance for paratransit service	2015 TIP Development - Retain this project in the TIP for informational purposes as it is ongoing	EXEMPT (40 CFR 93.126) - Operating assistance to transit agencies	2040
Napa	NAP030005	21017	NCTPA	Napa: Bus Stop Improvements	Napa Vine: Various bus stop improvements throughout the Napa County transit service areas. Add City/County Bus Passenger Amenities especially ADA Bus Stop Improvements.	2015 TIP Development - Update the funding plan to reflect planned obligation	EXEMPT (40 CFR 93.126) - Construction of small passenger shelters and information kiosks	2040
Napa	NAP090002	22425	MTC	Regional Planning Activities and PPM - Napa	Napa: Regional Planning Activities and Planning, Programming and Monitoring (PPM)	2015 TIP Development	EXEMPT (40 CFR 93.126) - Planning activities conducted pursuant to titles 23 and 49 U.S.C	2040
Napa	NAP090003	94073	NCTPA	SR 12/29/221 Socal Junction Interchange Study	In Napa County, study alternatives to construct new southbound Route 221 to southbound Route 29 flyover (including auxiliary lane to Route 12/Route 29). TIP project is for ENV and PSE only.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Planning and technical studies	2040
Napa	NAP090005	21017	NCTPA	NCTPA: Replace Rolling Stock	NCTPA: Replace rolling stock for fixed-route, paratransit, and community shuttle fleet.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Purchase of new buses and rail cars to replace existing vehicles or for	2040
Napa	NAP090006	240612	Yountville	Yountville - Napa County Bicycle Path Extension	Napa County: North Yountville, Bike Route and Sidewalk Extension	2015 TIP Development	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
Napa	NAP090007	22417	American Canyon	American Canyon Napa Junction Elementary Ped Imps	American Canyon: Napa Junction from Napa Junction Elementary School to Highway 29 with minor portions on Theresa Ave and Lombard St; Construct 1,500 feet of public sidewalk.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2020
Napa	NAP090008	21017	NCTPA	NCTPA Equipment Replacement and Upgrades	NCTPA: Replacement and upgrades to equipment.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Operating assistance to transit agencies	2040
Napa	NAP110006	21011	American Canyon	American Canyon PDA Development Plan	American Canyon: Develop and implement a strategic Plan to focus on significant transit service improvements and define associated land use patterns and development Plans in the PDA consistent with	2015 TIP Development	EXEMPT (40 CFR 93.126) - Transportation enhancement activities (except rehabilitation and operation)	2040
Napa	NAP110007	230695	American Canyon	American Canyon: Theresa Ave Sidewalk Imp Phase 3	American Canyon: On Theresa Ave from the recently completed Theresa Avenue Phase 1 project south to Eucalyptus Drive; Replace substandard curb, gutter and sidewalk and construct missing sections of	2015 TIP Development	EXEMPT (40 CFR 93.126) - Transportation enhancement activities (except rehabilitation and operation)	2040
Napa	NAP110008	230695	Napa	Napa (City): 2011 Cape Seal Pavement Rehab	Napa City: California Blvd. from Laurel to Second; Jefferson from Trancas to Sierra; West Pueblo from Redwood to Rancho; Trower from Linda Vista to Solano; Wine Country from Linda Vista to Hwy 29; Cape	2015 TIP Development	EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation	2040
Napa	NAP110009	230695	Napa County	Napa County: Silverado Trail Paving Phase F	County of Napa: On Silverado Trail from Zinfandel Ln to Skellenger Ln (Phase F); County Local Roads Paving	2015 TIP Development	EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation	2040
Napa	NAP110011	240612	Napa	Napa Lincoln Ave Bike Lane - Jefferson to Railroad	Napa City: Lincoln Avenue between Jefferson St and the railroad tracks; Restriping to provide Class II bike lanes.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
Napa	NAP110012	240747	NCTPA	NCTPA: Napa County SRTS Program Expansion	In Napa County: Countywide: Expand existing SRTS program from 6 to 15 schools and enhance program offerings. Non-infrastructure only including marketing, education, and outreach activities.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Transportation enhancement activities (except rehabilitation and operation)	2040

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County	TIP ID	RTP ID	Sponsor	Project	Project Description	Description of Change	Air Quality Description	Conformity Analysis Year*
Napa	NAP110013	240612	Napa	Napa City North/South Bike Connection	Napa City: California Blvd in section along the project limits of Pueblo and Permanente Way: Widen in order to provide Class II bike lanes along the entire corridor.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
Napa	NAP110014	240612	NCTPA	Napa Valley Vine Trail Design and Construction	Napa County: Various locations: Design and construction of individual segments of Vine Trail.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
Napa	NAP110015	230695	Napa	Napa City - Linda Vista Pavement Overlay	In Napa: On Linda Vista Ave between Trower and Redwood: Rehabilitate roadway including, repair sidewalk and install ADA ramps.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation	2040
Napa	NAP110023	230695	Napa County	Silverado Trail Phase H Rehab	County of Napa: On Silverado Trail from Howell Mtn to Zinfandel (Phase H); rehabilitate roadway retaining existing Class II bicycle lanes	2015 TIP Development - Update the project limits and update the funding plan	EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation	2040
Napa	NAP110024	22423	NCTPA	Napa County Community Based Transportation Plan	In Napa County, Update to the Napa Community Based Transportation Plan to identify barriers to the mobility needs of the County.	2015 TIP Development - Update the funding plan to reflect new project schedule	EXEMPT (40 CFR 93.126) - Planning and technical studies	2040
Napa	NAP110026	240748	Napa County	Hardin Rd Bridge Replacement - 21C0058	Napa County: On Harding Rd at Maxwell Creek, 1.8M SE of Pope Cyn Rd: Replace existing one lane bridge with new 2-lane bridge to meet standards	2015 TIP Development	EXEMPT (40 CFR 93.126) - Projects that correct, improve, or eliminate a hazardous location or feature	2040
Napa	NAP110027	240748	Napa County	Loma Vista Dr Bridge Replacement - 21C0080	Napa County: Loma Vista Dr over Soda Creek, 1.4 miles north of Silverado Trail: replace existing one lane bridge with new two lane bridge to meet standards	2015 TIP Development	EXEMPT (40 CFR 93.126) - Projects that correct, improve, or eliminate a hazardous location or feature	2040
Napa	NAP110028	22746	Napa	California Boulevard Roundabouts	City of Napa: At First Street/ California Blvd. and Second Street/ California Blvd: Construct roundabouts	2015 TIP Development	EXEMPT (40 CFR 93.127) - Intersection channelization projects	2020
Napa	NAP130001	21011	Napa	City of Napa PDA Implementation	City of Napa: Supplement the Downtown Specific Plan with PDA Implementation Planning	2015 TIP Development	EXEMPT (40 CFR 93.126) - Planning activities conducted pursuant to titles 23 and 49 U.S.C	2040
Napa	NAP130002	240747	NCTPA	SRTS Non Infrastructure Program Cycle 2	Napa County: Countywide: Continued Implementation and Expansion of the Regional Safe Routes Program	2015 TIP Development	EXEMPT (40 CFR 93.126) - Grants for training and research programs	2040
Napa	NAP130003	230695	Napa County	Airport Boulevard Rehabilitation	In Napa County: On Airport Boulevard between SR 29 and Napa County Airport: Rehabilitate roadway and retrofit curb ramps at 3 intersections, retaining existing Class II bicycle lanes.	2015 TIP Development - Update the funding plan	EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation	2040
Napa	NAP130004	240083	Napa	Highway 29/Napa Creek Bicycle Path Upgrade	Napa: On the North side of Napa Creek under Highway 29: Construct a Class 1 bicycle and pedestrian path	2015 TIP Development	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2020
Napa	NAP130005	21017	NCTPA	NapaVINE Bus Mobility Device Retrofit Project- TPI	NapaVINE: System-wide: Install enhanced securement devices in buses.	2015 TIP Development - Update the funding plan	EXEMPT (40 CFR 93.126) - Purchase of operating equipment for vehicles (e.g., radios, fareboxes, lifts,	2040
Napa	NAP130007	230381	Saint Helena	Hwy 29 Grayson Ave. Signal Construction	In St. Helena: At the intersection of Hwy 29 and Grayson Ave: Install three way signal with ADA ramp upgrades	2015 TIP Development	EXEMPT (40 CFR 93.127) - Intersection signalization projects at individual intersections	2020
Napa	NAP130008	240612	Yountville	Hopper Creek Pedestrian Bridge and Path Project	Yountville: Along Hopper Creek from Oak Circle Open Space to Mission St: Construct multi-use pathway and a pedestrian bridge across Hopper Creek	2015 TIP Development	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
Napa	NAP130009	230695	Napa County	Silverado Trail Phase G Rehab	County of Napa: On Silverado Trail from Callistoga to Larkmead (Phase G); rehabilitate roadway retaining existing Class II bicycle lanes	2015 TIP Development - Update the project limits and funding plan	EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation	2040
Napa	NAP130010	230695	Napa County	Silverado Trail Yountville-Napa Safety Improvement	In Napa County: On Silverado Trail at Yountville Crossroad, intersection safety improvements; On Silverado Trail between Yountville and Napa, rumble strips.	2015 TIP Development	EXEMPT (40 CFR 93.127) - Intersection channelization projects	2040
Napa	NAP150001	230518	Callistoga	SR 128 and Petrified Forest Intersection Imp	In Callistoga: On SR 128 and Petrified Forest Road, convert 4-way stop controlled intersection to a traffic signal.	2015 TIP Development - Amend a new exempt project into the TIP	EXEMPT (40 CFR 93.127) - Intersection signalization projects at individual intersections	2020
Napa	NAP970010	21017	NCTPA	Napa Vine Operating Assistance	Napa Vine: Operating assistance to support transit routes and services.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Operating assistance to transit agencies	2040

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Regional	BRT030004	94525	BART	BART Train Control Renovation	BART: Replace obsolete elements and subsystems of the train control system.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Reconstruction or renovation of transit buildings and structures (e.g., rail)	2040
Regional	BRT030005	94525	BART	BART: Traction Power System Renovation	BART: System wide: Replace obsolete elements and subsystems of the traction power system to maintain and improve reliability and safety	2015 TIP Development	EXEMPT (40 CFR 93.126) - Reconstruction or renovation of transit buildings and structures (e.g., rail)	2040
Regional	BRT050003	22636	BART	BART Transbay Tube Seismic Retrofit	San Francisco: Transbay Tube; Seismically retrofit the BART Tube/Tunnel which connects Oakland to San Francisco.	2015 TIP Development - Retain this project in the TIP for informational purposes as it is ongoing	EXEMPT (40 CFR 93.126) - Reconstruction or renovation of transit buildings and structures (e.g., rail)	2040
Regional	BRT97100B	94525	BART	BART: Rail, Way and Structures Program	BART: Systemwide; Replace worn out mainline rail and make other timely reinvestments in way.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Rehabilitation or reconstruction of track structures, track, and trackbed in	2040
Regional	BRT99T01B	94525	BART	ADA Paratransit Capital Accessibility Improve	BART: At various stations: Capital Access Improvements Program including, station elevator improvements, installation of hands-free emergency telephones, and tactile stair tread replacement	2015 TIP Development	EXEMPT (40 CFR 93.126) - Operating assistance to transit agencies	2040
Regional	MTC050001	230550	MTC	Transit Commute Benefits Promotion	San Francisco Bay Area: Region wide: Project to increase the participation rate of employers offering employees a tax-free benefit to commute to work by transit.	2015 TIP Development - Retain this project in the TIP for informational purposes as the project is ongoing	EXEMPT (40 CFR 93.126) -	2030
Regional	MTC050020	230419	MTC	Real-time Transit Information Program	San Francisco Bay Area: Regionwide; Provide real-time transit information to riders at transit stops or via telephones, wireless or internet communication.	2015 TIP Development - Update the funding plan	EXEMPT (40 CFR 93.126) - Directional and informational signs	2040
Regional	MTC050021	22245	MTC	Safe Routes to Transit	Regionwide: Grants to fund infrastructure projects that improve bike/ped access to transit stations. Including signs, multi-use trails and bike parking.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
Regional	MTC050028	22241	WETA	WETA Ferry Expansion Studies.	WETA: Regionwide studies to determine environmental/other impacts of expanded ferry service in the Bay Area.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Engineering to assess social, economic, and environmental effects of the	2040
Regional	MTC990015	230550	BAAQMD	Spare the Air Program	San Francisco Bay Area: Spare the Air Campaign: Inform/educate the public about ozone problems, notify when Spare the Air days are called & encourage use of transit, ridesharing etc.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Transportation enhancement activities (except rehabilitation and operation	2030
Regional	REG050013	22425	MTC	Transit Capital Inventory Improvements	MTC: Procure Asset Management System to enable ability to anticipate regional rehab, replacement and funding needs.	2015 TIP Development - Retain this project in the TIP for informational purposes	EXEMPT (40 CFR 93.126) - Purchase of office, shop, and operating equipment for existing facilities	2040
Regional	REG050020	94525	BART	BART Car Exchange (Preventive Maintenance)	BART: Preventive maintenance program, including maintenance of rail cars and other system components in exchange for local funds to the BART car replacement reserve.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Rehabilitation of transit vehicles	2040
Regional	REG090002	22423	MTC	GL: JARC FY 09 - FY 10 - Large UA	GL: JARC FY 09 - FY 10 - Large UA. Various JARC projects in large urbanized areas. Project is consistent with 40 CFR Part 93.126, 127, 128; Exempt Tables 2 & 3.	2015 TIP Development - Retain this grouped listing in the TIP as the projects are ongoing	EXEMPT (40 CFR 93.126) - Operating assistance to transit agencies	2040
Regional	REG090038	22425	MTC	Regional Planning Activities and PPM - MTC	Regional: Regional Planning Activities and Planning, Programming and Monitoring (PPM)	2015 TIP Development	EXEMPT (40 CFR 93.126) - Planning activities conducted pursuant to titles 23 and 49 U.S.C	2040
Regional	REG090039	240740	MTC	Regional Streets and Roads Program	Regionwide: Regional Streets and Roads Program including providing assistance to Bay Area agencies to implement & maintain computerized pavement management system (PMS), implementing PTAP	2015 TIP Development - Update the funding plan	EXEMPT (40 CFR 93.126) - Planning activities conducted pursuant to titles 23 and 49 U.S.C	2040
Regional	REG090040	22425	MTC	Regional Planning Activities - ABAG	Regionwide: Support for Regional Planning Activities	2015 TIP Development - Update the funding plan	EXEMPT (40 CFR 93.126) - Planning activities conducted pursuant to titles 23 and 49 U.S.C	2040

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Regional	REG090041	22425	MTC	Regional Planning Activities - BCDC	Regional Planning Activities	2015 TIP Development - Retain this project in the TIP for informational purposes as the project is ongoing	EXEMPT (40 CFR 93.126) - Planning activities conducted pursuant to titles 23 and 49 U.S.C	2040
Regional	REG090042	230419	MTC	511 Traveler Information	Regionwide: Collect real-time/static data (traffic, transit, rideshare and bicycle) and disseminate the information to the public by telephone and website. Supports congestion pricing and vehicle	2015 TIP Development - Update the funding plan	EXEMPT (40 CFR 93.126) - Directional and informational signs	2040
Regional	REG090044	230419	MTC-SAFE	Incident Management Program	Regionwide: Manage congestion by preventing and/or addressing minor & major highway incidents/events including incident detection equipment & incident management systems, etc.	2015 TIP Development - Update the funding plan	EXEMPT (40 CFR 93.126) - Traffic control devices and operating assistance other than signalization	2040
Regional	REG090045	21017	MTC	Clipper Fare Collection System	San Francisco Bay Area: Regionwide: Design, build, operate and maintain the Clipper fare collection system. Note: Translink became Clipper on 6/16/10.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Purchase of operating equipment for vehicles (e.g., radios, fareboxes, lifts,	2040
Regional	REG090046	230419	MTC	Regional Arterial Operations & Signal Timing Prog	Regional: Develop plans to guide arterial investments, and provide project management and traffic engineering/tech assistance (including procuring traffic signal & comm. equipment and	2015 TIP Development - Update the funding plan	EXEMPT (40 CFR 93.126) - Traffic control devices and operating assistance other than signalization	2040
Regional	REG090051	22481	Caltrain	Caltrain: Revenue Vehicle Rehab Program	Caltrain: Systemwide: The Revenue Vehicle Rehab Program provides overhauls and repairs/replacements to key components of the Caltrain rolling stock to maintain it in a state of good repair and to extend	2015 TIP Development - Retain this project in the TIP for informational purposes as it is ongoing	EXEMPT (40 CFR 93.126) - Rehabilitation of transit vehicles	2040
Regional	REG090053	22481	Caltrain	Caltrain: Preventive Maintenance	Caltrain: Systemwide: Capitalized maintenance activities for the Caltrain fleet, equipment and facilities.	2015 TIP Development - Retain for Informational Purposes as the project is ongoing	EXEMPT (40 CFR 93.126) - Rehabilitation of transit vehicles	2040
Regional	REG090054	21017	WETA	WETA: Ferry Channel & Berth Dredging	WETA: Various service areas: Dredge ferry channel, ferry basin and berth	2015 TIP Development	EXEMPT (40 CFR 93.126) - Rehabilitation or reconstruction of track structures, track, and trackbed in	2040
Regional	REG090055	21017	WETA	WETA: Ferry Propulsion System Replacement	WETA: Ongoing: A mid-life overhaul is scheduled when a ferry reaches approximately 12.5 years of service life. Equipment service hours and specific vessel needs may affect the timing of the projects.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Rehabilitation of transit vehicles	2040
Regional	REG090057	21017	WETA	WETA: Ferry Major Component Rehab/Replacement	WETA: Ferry vessels are required to undergo periodic haul-out and rehabilitation work to remain in working order over their 25-year life.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Rehabilitation of transit vehicles	2040
Regional	REG090065	230550	MTC	Climate Initiatives Program Public Education	Climate Initiatives Program: Regionwide, community-based social marketing campaign & support for programs to encourage sustainable transportation behavioral changes to reduce criteria pollutants and	2015 TIP Development - Updated funding plan	EXEMPT (40 CFR 93.126) - Grants for training and research programs	2030
Regional	REG090066	230550	MTC	Climate Initiatives Evaluation and Administration	Regional: Program development for the Climate Initiatives program activities and evaluation. Programs falling under this project include the following sub-programs: Innovative Grants, Safe Routes to	2015 TIP Development - Retain this project in the TIP for informational purposes as it is ongoing	EXEMPT (40 CFR 93.126) - Planning activities conducted pursuant to titles 23 and 49 U.S.C	2030
Regional	REG090067	21017	WETA	WETA: Fixed Guideway Connectors	WETA: Various locations: This project will replace/rehab fixed guideway connectors such as floats, floating barges, ramps and gangways throughout the system.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Reconstruction or renovation of transit buildings and structures (e.g., rail	2040
Regional	REG110001	21017	WETA	Maintenance Barge and Emergency Floats and Ramps	WETA: System maintenance and operational needs; This project will support the purchase/construction of floats and ramps and will provide core support infrastructure for existing and future regional ferry	2015 TIP Development - Retain this project in the TIP for informational purposes as the project is ongoing and update the regional air quality conformity code to reconcile with the project scope	EXEMPT (40 CFR 93.126) - Purchase of support vehicles	2040
Regional	REG110010	230550	MTC	Regional Bicycle Sharing Program	Regionwide: various locations: Implement a bikesharing program	2015 TIP Development	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2030

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Regional	REG110011	230550	MTC	Electric Vehicle Funding Strategies	Region-wide: Support the deployment of electric vehicles in the Bay Area including approaches such as infrastructure, outreach, and other supportive strategies.	2015 TIP Development - Update funding plan	EXEMPT (40 CFR 93.126) - Construction or renovation of power, signal, and communications systems	2030
Regional	REG110012	230550	SF County TA	eFleet: Carsharing Electrified	SF and Berkeley: Purchase up to 26 electric vehicles; convert up to 10 conventional hybrid vehicles to plug-in hybrid electric vehicles (PHEVs); purchase and install up to 16 charging stations; conduct an	2015 TIP Development - Retain this project in the TIP for informational purposes as it is ongoing	EXEMPT (40 CFR 93.126) - Construction or renovation of power, signal, and communications systems	2030
Regional	REG110013	240393	Alameda County	Local Government EV Fleet Program	Various Locations: Purchase 90 EVs and install 90 EV charging stations in various jurisdictions. Tests smart driving with 20 real-time fuel economy gauges in gas vehicles. Pilot fleet carshare (4 cars) in ALA	2015 TIP Development - Retain this project in the TIP for informational purposes as it is ongoing	EXEMPT (40 CFR 93.126) - Construction or renovation of power, signal, and communications systems	2040
Regional	REG110014	21011	MTC	Station Area Planning Program & Implementation	Regionwide: Provide grants to local jurisdictions to develop plans for their transit stations in order to help increase transit ridership and implementation of the program.	2015 TIP Development - Retain this project in the TIP for informational purposes as it is ongoing	EXEMPT (40 CFR 93.126) - Planning and technical studies	2040
Regional	REG110015	230550	Son Co TA	Regional Dynamic Ridesharing Pilot	Contra Costa, Marin, and Sonoma Counties: Apply dynamic ridesharing technology in within various affinity groups. Software procurement and customization, marketing and incentives, monitoring and	2015 TIP Development - Update funding plan to reflect obligation of funds	EXEMPT (40 CFR 93.126) - Continuation of ride-sharing and van-pooling promotion activities at	2030
Regional	REG110016	230550	ACWA	Green Star / Cool Schools Program	Alameda, San Mateo, and Sonoma Counties, San Jose: Development of a curriculum framework for teachers; web based interface and trip tracking; green teams, competition with other schools/classrooms;	2015 TIP Development	EXEMPT (40 CFR 93.126) - Transportation enhancement activities (except rehabilitation and operation)	2030
Regional	REG110020	21017	WETA	WETA: Facilities Rehabilitation	WETA: Various Locations: This project will rehabilitate ferry facilities in order to maintain existing transit services.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Reconstruction or renovation of transit buildings and structures (e.g., rail	2040
Regional	REG110021	21017	WETA	WETA: Revenue Vehicle Communication Equipment	WETA: Purchase and/or upgrade revenue vehicle communication equipment.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Construction or renovation of power, signal, and communications systems	2040
Regional	REG110022	240745	Caltrans	Statewide Archaeological Reburial Database	Region-wide: Identify reburial locations for Native American human remains excavated as part of statewide Caltrans projects.	2015 TIP Development - Retain this project in the TIP for informational purposes	EXEMPT (40 CFR 93.126) - Planning and technical studies	2040
Regional	REG110023	240745	Caltrans	Cultural Resources Legacy Data Database	Regionwide: Augment information in various cultural resources databases	2015 TIP Development - Retain this project in the TIP for informational purposes as the project is ongoing	EXEMPT (40 CFR 93.126) - Planning and technical studies	2040
Regional	REG110024	240745	Caltrans	Geoarchaeological Study of Route 101 Corridor	Along Route 101: Various Locations: Enhance the existing inventories of archaeological resources by transferring such data into an electronic database for each county.	2015 TIP Development - Retain this project in the TIP for informational purposes as the project is ongoing	EXEMPT (40 CFR 93.126) - Planning and technical studies	2040
Regional	REG110025	22481	Caltrain	Caltrain Transit Asset Management System (CTAMS)	Caltrain: Systemwide: Development of the Caltrain Transit Asset Management System (CTAMS)	2015 TIP Development - Retain for Informational Purposes as the project is ongoing	EXEMPT (40 CFR 93.126) - Planning and technical studies	2040
Regional	REG110028	22423	MTC	GL: FY10 JARC Mobility Management	GL: Mobility Management. Various mobility management projects in the SFO, Concord and San Jose large urbanized areas. Project is consistent with 40 CFR Part 93.126, 127, 128, Exempt Tables 2 & 3.	2015 TIP Development - Update the project funding plan	EXEMPT (40 CFR 93.126) - Operating assistance to transit agencies	2040
Regional	REG110029	22425	MTC	Parking Pricing Regional Analysis	Regionwide: Construct a regional parking database, integrated with our land use/transportation models, analyzes regional and local parking pricing schemes, conducts technical workshops, and proposes	2015 TIP Development - Retain this project in the TIP for informational purposes as it is ongoing	EXEMPT (40 CFR 93.126) - Planning and technical studies	2040
Regional	REG110030	21627	Caltrain	Caltrain Positive Train Control System	CBOSS/PTC is an advanced train control system that allows for automated collision prevention, improved manual collision prevention, and improved headways. The FRA has mandated PTC be in place by	2015 TIP Development	EXEMPT (40 CFR 93.126) - Construction or renovation of power, signal, and communications systems	2020
Regional	REG110032	22423	MTC	GL: JARC FY11-FY12 Large UA	GL: JARC FY11-FY12 Large UA. Various JARC projects in large urbanized areas. Project is consistent with 40 CFR Part 93.126, 127, 128, Exempt Tables 2 & 3.	2015 TIP Development - Update the funding plan	EXEMPT (40 CFR 93.126) - Operating assistance to transit agencies	2040

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County	TIP ID	RTP ID	Sponsor	Project	Project Description	Description of Change	Air Quality Description	Conformity Analysis Year*
Regional	REG10037	22425	MTC	Regional Planning - PDA Implementation	Regionwide: Planning Assistance to support transportation investments and improve their performance in priority development areas.	2015 TIP Development - update the funding plan to match obligation and retain this project in the TIP for informational purposes as it is ongoing	EXEMPT (40 CFR 93.126) - Grants for training and research programs	2040
Regional	REG10038	230550	SFMTA	Electric Vehicle Taxis	San Francisco: Purchase up to 25 electric vehicles for neighborhood taxi services in San Francisco. Includes project evaluation.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Construction or renovation of power, signal, and communications systems	2030
Regional	REG10039	22423	MTC	GL: 5307 JARC Set-aside FY13- FY14 Large UA	GL: 5307 JARC Set-aside FY13- JARC) projects in large urbanized areas. Project is consistent with 40 CFR Part 93.126, 127, 128, Exempt Tables 2 & 3.	2015 TIP Development - Update the funding plan	EXEMPT (40 CFR 93.126) - Operating assistance to transit agencies	2040
Regional	REG10040	240612	Natl Park Svc	GL: US 206 Recreational Grants	GL: US 206 Recreational Grants. Projects with US Recreational Grant Program Funds. Project is consistent with 40 CFR Part 93.126, 127, 128, Exempt Tables 2 & 3.	2015 TIP Development - retain this grouped listing in the TIP for informational purposes as it is ongoing	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
Regional	REG10041	21017	Caltrans	GL: FTA Non-Urbanized Formula Program	GL: FTA Section 5311 Non-Urbanized Formula Program, Non-ITS portion. Projects include capital and operating assistance, capital and preventive maintenance. Projects consistent with 40 CFR Part 93.126.	2015 TIP Development - Update the funding plan	EXEMPT (40 CFR 93.126) - Operating assistance to transit agencies	2040
Regional	REG10042	230716	Caltrans	GL: Elderly & Persons with Disability Program	Region-Wide: Eld. & persons with Disabilities. Prog Lump Sum Listing; Project incl. Veh. replacements, minor expansion & office equip. Consist with 40 CFR Part 93.126, 127, 128 Exempt Tables 2 & 3.	2015 TIP Development - Update the funding plan	EXEMPT (40 CFR 93.126) - Purchase of new buses and rail cars to replace existing vehicles or for	2040
Regional	REG10043	22425	MTC	Climate Change Adaptation&Vulnerability Assessment	Region-wide: Phase one: Conduct sea level rise transportation vulnerability and risk assessment pilot project. Phase two: Develop adaptation options to protect critical transportation infrastructure from sea	2015 TIP Development - Retain this project in the TIP for informational purposes as it is ongoing	EXEMPT (40 CFR 93.126) - Planning activities conducted pursuant to titles 23 and 49 U.S.C	2040
Regional	REG10044	21017	ACE	ACE Positive Train Control	ACE System-wide: Install an advanced train control system that allows for automated collision prevention, improved manual collision prevention, and improved headways.	2015 TIP Development - Updated funding plan	EXEMPT (40 CFR 93.126) - Construction or renovation of power, signal, and communications systems	2040
Regional	REG130001	21013	MTC	Toll Bridge Maintenance	Region-wide: Seven state-owned toll bridges: routine maintenance of bridge facilities	2015 TIP Development - Update the funding plan	EXEMPT (40 CFR 93.126) - Widening narrow pavements or reconstructing bridges (no additional travel	2040
Regional	REG130002	21013	MTC	Toll Bridge Rehabilitation Program	Bay Area: On 7 state-owned toll bridges: Rehabilitation program	2015 TIP Development	EXEMPT (40 CFR 93.126) - Widening narrow pavements or reconstructing bridges (no additional travel	2040
Regional	REG130003	230419	MTC-SAFE	FSP and Call Box Program	Regionwide: Manage congestion by preventing and/or addressing minor & major highway incidents/events including FSP and Call Box.	2015 TIP Development - Update funding plan to reflect obligation of funds and retain this project in the TIP for informational purposes as it is ongoing	EXEMPT (40 CFR 93.126) - Traffic control devices and operating assistance other than signalization	2040
Regional	REG130005	21011	MTC	Transit Oriented Affordable Housing	Bay Area Region: Establish a land acquisition and land banking financing fund to maximize the production of affordable housing near transit stations	2015 TIP Development	EXEMPT (40 CFR 93.126) - Grants for training and research programs	2040
Regional	REG130006	230550	BAAQMD	Spare the Air Program	San Francisco Bay Area: Spare the Air Campaign: Inform/educate the public about ozone problems, notify when Spare the Air days are called and encourage use of transit, ridesharing, etc.	2015 TIP Development - Update the funding plan to reprogram all PE funds from FY14 to FY13	EXEMPT (40 CFR 93.126) - Transportation enhancement activities (except rehabilitation and operation	2030
Regional	REG130007	230550	MTC	Regional Car Sharing	Regionwide: Various Locations: Increase car sharing fleets in suburban and business park locations, and increase electric vehicles in car sharing fleets.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Transportation enhancement activities (except rehabilitation and operation	2030
Regional	REG130008	230550	MTC	Transportation Demand Management	Regionwide: Expand Transportation Demand Management (TDM) strategies, such as car sharing, vanpools or shuttles, targeted ridesharing and parking pricing.	2015 TIP Development - Update funding plan	EXEMPT (40 CFR 93.126) - Transportation enhancement activities (except rehabilitation and operation	2030

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County	TIP ID	RTP ID	Sponsor	Project	Project Description	Description of Change	Air Quality Description	Conformity Analysis Year*
Regional	SF-030002	240727	Natl Park Svc	Golden Gate Natl Rec. Area Road Rehab	Golden Gate National Recreation Area: Rehabilitate roadways providing access to and within the Golden Gate National Recreation Area in San Francisco, Marin and San Mateo Counties purposes as it is ongoing	2015 TIP Development - Retain this project in the TIP for informational purposes as it is ongoing	EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation	2040
Regional	SF-050045	240727	Natl Park Svc	Golden Gate Natl Rec. Area Non-Motorized Access	Golden Gate Natl Recreation Area: Rehabilitate trail network. Implementing agencies are Golden Gate Natl Parks Conservancy and National Park Service.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
Regional	SF-090024	240727	Natl Park Svc	Golden Gate Natl Rec. Area Water Transit Planning	Golden Gate National Recreational Area: Prepare planning studies to improve water transit access to national parklands in San Francisco and Marin counties.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Planning activities conducted pursuant to titles 23 and 49 U.S.C	2040
Regional	SF-090027	240727	Natl Park Svc	Golden Gate Natl Rec. Area Transit Enhancements	Golden Gate National Recreational Area: Plan, design and construct exempt enhancements to public transit access to park sites.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Construction of small passenger shelters and information kiosks	2040
Regional	SM-03006B	22481	Caltrain	Caltrain: Systemwide Track Rehab & Related Struct.	Caltrain: Replace jointed rail and upgrade existing main line track and related civil structures on the Caltrain Corridor.	2015 TIP Development - Retain for Informational Purposes as the project is ongoing	EXEMPT (40 CFR 93.126) - Rehabilitation or reconstruction of track structures, track, and trackbed in	2040
Regional	SM-050041	22481	Caltrain	Caltrain: Signal/Communication Rehab. & Upgrades	Caltrain: Systemwide: Rehabilitate existing signal system and upgrade/replace communication equipment.	2015 TIP Development - Retain for Informational Purposes as the project is ongoing	EXEMPT (40 CFR 93.126) - Construction or renovation of power, signal, and communications systems	2040
Regional	VAR110001	240745	Caltrans	GL: Safety Improvements - SHOPP Mobility Program	Grouped Listing: SHOPP-Mobility: Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 and 3	2015 TIP Development	EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation	2040
Regional	VAR110003	240745	Caltrans	GL: Pavement Resurf./Rehab - SHOPP Roadway Presv.	Grouped Listing: SHOPP - Roadway Preservation. Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 categories	2015 TIP Development	EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation	2040
Regional	VAR110004	240745	Caltrans	GL: Safety Imprv. - SHOPP Collision Reduction	GL: SHOPP - Collision Reduction. Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 and Table 3 categories.	2015 TIP Development - Update the funding plan and back-up listing	EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation	2040
Regional	VAR110005	240745	Caltrans	GL: Emergency Repair - SHOPP Emergency Response	Grouped Listing for SHOPP - Emergency Response. Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 categories - funding plan and back-up listing	2015 TIP Development - Update the funding plan and back-up listing	EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation	2040
Regional	VAR110007	240746	Caltrans	GL: Safety Imprv - Highway Safety Improvement Prog	GL: Safety Imprv - Highway Safety Improvement Program. Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 and Table 3 categories.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Highway Safety Improvement Program implementation	2040
Regional	VAR110012	240747	Caltrans	GL: Safety Improvements - SRTS	GL: Safety Improvements - Safe Routes to School (SRTS) program. At various locations, Safe Routes to School (SRTS) projects. Consistent with 40 CFR Part 93.126, 127, 128, Exempt Tables 2 & 3.	2015 TIP Development - Retain this grouped listing in the TIP for informational purposes as some projects are ongoing	EXEMPT (40 CFR 93.126) - Highway Safety Improvement Program implementation	2040
Regional	VAR110031	240745	Caltrans	GL: Pmnt Resurf/Rehab SHS - Highway Maint.	GL: Pavement Resurf/Rehab State Highway System - Highway Maintenance. Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 and Table 3 categories - Pavement resurfacing and/or	2015 TIP Development - Retain this grouped listing in the TIP as some projects are ongoing	EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation	2040
Regional	VAR110037	240745	Caltrans	GL: Pmnt Resurf/Rehab State Hwy Sys - SHOPP Minor	GL: Pavement Resurf/Rehab State Hwy System - SHOPP Minor. Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 and Table 3 categories - Pavement resurfacing and/or rehabilitation.	2015 TIP Development - Retain this grouped listing in the TIP for informational purposes as some projects are ongoing	EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation	2040
Regional	VAR110042	240745	Caltrans	GL: Safety Improvements - SHOPP Mandates	GL: Safety Improvements - SHOPP Mandates. Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 and Table 3 categories.	2015 TIP Development - Update the funding plan and back-up listing	EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation	2040
Regional	VAR110044	240745	Caltrans	GL: Bridge Rehab and Reconstruction - SHOPP	GL: Bridge Rehab/Reconst-SHOPP. Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 categories - Widening narrow pavements or reconstructing bridges (no additional travel lanes).	2015 TIP Development - Update the funding plan and back-up listing	EXEMPT (40 CFR 93.126) - Widening narrow pavements or reconstructing bridges (no additional travel	2040
Regional	VAR110045	240748	Caltrans	GL: Bridge Rehab/Recon. - Local Hwy Bridge Program	GL: Local Bridge Rehab/Recon. - Local Highway Bridge Program(HBP) or Highway Bridge Replacement and Rehabilitation (HBRP). Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 categories.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Widening narrow pavements or reconstructing bridges (no additional travel	2040

* Projects with conformity analysis years 2040 reference programmatic projects or projects with a completion date after 2030 in Plan Bay Area

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Regional	VAR110046	240749	Caltrans	GL: Railroad/Highway Crossings	GL: Railroad/Highway Crossings. Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 categories - Railroad/highway crossing	2015 TIP Development - Retain this grouped listing in the TIP for informational purposes as some projects are ongoing	EXEMPT (40 CFR 93.126) - Railroad/highway crossing	2040
Regional	VAR130001	240745	Caltrans	GL: Shoulder Imprv - SHOPP Roadside Preservation	GL: SHOPP Roadside Preservation. Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 categories - Fencing, Safety roadside rest areas	2015 TIP Development - Update the funding plan and back-up listing	EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation	2040
Regional	VAR130002	22423	MTA	GL: JARC FY12 Small UA & Rural	GL: JARC FY12 Small UA & Rural. Various JARC projects in small urbanized areas and nonurbanized areas. Project is consistent with 40 CFR Part 93.126, 127, 128, Exempt Tables 2 & 3.	2015 TIP Development - Update the funding plan	EXEMPT (40 CFR 93.126) - Operating assistance to transit agencies	2040
Regional	VAR130003	230716	MTA	GL: New Freedom FY12 Small UA & Rural	Regional: Various Cycle 7 (FY12) New Freedom projects in small urbanized and rural areas.	2015 TIP Development - Update the funding plan	EXEMPT (40 CFR 93.126) - Operating assistance to transit agencies	2040
Regional	VAR130004	240612	Dept Parks&Rec	GL: Recreational Trails Program	Grouped Listing: Regionwide: Projects with US Recreational Grant Program Funds. Projects are consistent with 40 CFR Part 93.126, 127, 128, Exempt Tables 2 & 3. \$250K in Other Federal funds are LWCF	2015 TIP Development - Retain this grouped listing in the TIP for informational purposes as the program is ongoing	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
Regional	VAR130005	230716	MTA	GL: New Freedom FY12 Large UA	GL: New Freedom FY2012 Large UA. Various Cycle 5 (FY12) New Freedom projects in large urbanized areas	2015 TIP Development - Update the funding plan	EXEMPT (40 CFR 93.126) - Operating assistance to transit agencies	2040
San Francisco	SF-010004	240534	SF DPW	4th St Bridge Seismic Retrofit & Rehab	San Francisco: On 4th St over Mission Channel waterway; Repair, seismic retrofit, and rehabilitation of 4th St. bridge.	2015 TIP Development - Retain this project in the TIP for informational purposes as it is ongoing	EXEMPT (40 CFR 93.126) - Widening narrow pavements or reconstructing bridges (no additional travel)	2040
San Francisco	SF-010028	21627	Caltrain	Caltrain Electrification	Caltrain: From San Francisco to Gilroy: Electrification of the caltrain corridor from San Francisco to Tamien, including catenary poles, wires, power supply, track and signals, and Electric Multiple Units	2015 TIP Development	EXEMPT (40 CFR 93.126) - Construction or renovation of power, signal, and communications systems	2020
San Francisco	SF-030013	94636	SFMTA	SFMTA: Wayside Fare Collection Equipment	Muni: Replacement of life-expired fare collection equipment.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Purchase of operating equipment for vehicles (e.g., radios, fareboxes, lifts).	2040
San Francisco	SF-050014	94525	BART	BART/MUNI Direct Connection Platform	BART/MUNI; Embarcadero & Civic Center Stations: Provide a direct connection platform between the BART & MUNI at both stations.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
San Francisco	SF-050024	94636	SFMTA	SFMTA: Train Control & Trolley Signal Rehab/Replace	SFMTA: Rehabilitate or replace elements of the Wayside/Central Train Control & trolley Signal Systems.	2015 TIP Development - Retain this project in the TIP for informational purposes as it is ongoing	EXEMPT (40 CFR 93.126) - Rehabilitation or reconstruction of track structures, track, and trackbed in	2040
San Francisco	SF-050026	94636	SFMTA	SFMTA: Escalator Rehabilitation	SFMTA: Replace 28 escalator at 7 stations in the Muni Metro System.	2015 TIP Development - Retain this project in the TIP for informational purposes as it is ongoing	EXEMPT (40 CFR 93.126) - Reconstruction or renovation of transit buildings and structures (e.g., rail)	2040
San Francisco	SF-050034	94636	SFMTA	Light Rail Vehicle Overhaul Program	Muni: Systematic overhaul of all light rail vehicles components in agency fleet	2015 TIP Development - Update the funding plan	EXEMPT (40 CFR 93.126) - Rehabilitation of transit vehicles	2040
San Francisco	SF-050039	240471	SFMTA	Glen Park Intermodal Facility	Muni: Glen Park Facility: Transit connectivity enhancements to improve connections between Muni and BART.	2015 TIP Development - Retain this project in the TIP for informational purposes as it is ongoing	EXEMPT (40 CFR 93.126) - Transportation enhancement activities (except rehabilitation and operation)	2040
San Francisco	SF-050042	240486	SF DPW	Citywide: San Francisco Street Improvements	San Francisco: Citywide; implement street improvement program, including greening, streetscape and sidewalk reconstruction. Project will be constructed in phases	2015 TIP Development - Retain this project in the TIP for informational purposes as it is ongoing	EXEMPT (40 CFR 93.126) - Plantings, landscaping, etc	2040
San Francisco	SF-070009	240471	Port of SF	Embarcadero Corridor Transportation Improvements	San Francisco: Embarcadero corridor (China Basin & Fisherman's Wharf); improvements to transit services including signage, parking management strategies, bike/ped improvements & other outreach	2015 TIP Development	EXEMPT (40 CFR 93.126) - Directional and informational signs	2040
San Francisco	SF-070010	22512	Port of SF	San Francisco Downtown Ferry Terminal	San Francisco: Downtown Ferry Terminal; Transit improvements including new intermodal transfer areas, ferry facilities, bike/ped improvements, passenger amenities and P.I. provisions.	2015 TIP Development - Update the funding plan	EXEMPT (40 CFR 93.126) - Transportation enhancement activities (except rehabilitation and operation)	2020

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San Francisco	SF-070012	230581	Port of SF	Fishermans Wharf Ferry Terminal Improvements	San Francisco: Fisherman Wharf at Pier 41 to Pier 45; implement transit improvements structural improvements, new intermodal transfer areas, ferry facilities, bike/ped improvements etc.	2015 TIP Development project in the TIP for informational purposes as it is ongoing	EXEMPT (40 CFR 93.126) - Transportation enhancement activities (except rehabilitation and operation)	2020
San Francisco	SF-070025	240493	SF DPW	SR 1 - 19th Avenue Median Improvements	In San Francisco: Median landscaping improvements along the 19th Avenue Corridor from Lincoln Way to Wawona Street.	2015 TIP Development project in the TIP for informational purposes as it is ongoing	EXEMPT (40 CFR 93.126) - Transportation enhancement activities (except rehabilitation and operation)	2040
San Francisco	SF-070027	230555	SF County TA	Yerba Buena Island (YBI) Ramp Improvements	San Francisco: On east side of the Yerba Buena Island Tunnel at SF OBB; Rehabilitate existing deficient bridges on the west side of the Island.	2015 TIP Development	EXEMPT (40 CFR 93.127) - Interchange reconfiguration projects	2020
San Francisco	SF-070029	21342	TBJPA	Transbay Transit Center - TIFIA Loan Debt Service	San Francisco, Transbay Transit Center: TIFIA Loan debt service for Phase 1 & 2; Update annual debt service amounts based on TIFIA loan agreement.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Planning and technical studies	2020
San Francisco	SF-070030	98593	SFMTA	SFGO-Corridor Management	Focused on the US 101/Van Ness and Market Street corridors; Install new communications network and advanced traffic signal control systems with elements citywide.	2015 TIP Development - Retain this project in the TIP for informational purposes as it is ongoing	EXEMPT (40 CFR 93.128) - Traffic signal synchronization projects	2030
San Francisco	SF-070036	240486	SFMTA	San Francisco Bicycle Route Improvements	San Francisco: Develop and implement preferred designs for closing existing gaps in the San Francisco Bicycle Route Network.	2015 TIP Development - Retain this project in the TIP for informational purposes as it is ongoing	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
San Francisco	SF-070037	21320	GGBHTD	Golden Gate Bridge - Moveable Median Barrier	Marin/San Francisco Counties: Golden Gate Bridge: Install moveable median barrier on the Golden Gate Bridge to provide a physical separation between opposing directions of traffic.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Guardrails, median barriers, crash cushions	2040
San Francisco	SF-070040	240344	SFMTA	SF Downtown Parking Pricing	San Francisco: Downtown: Implement variable pricing program study and assess options for implementing a residential parking pricing pilot and develop transferable technical specifications for SF park.	2015 TIP Development - Retain this project in the TIP for informational purposes as it is ongoing	EXEMPT (40 CFR 93.126) - Planning activities conducted pursuant to titles 23 and 49 U.S.C	2020
San Francisco	SF-070045	94636	SFMTA	SFMTA: Trolley Coach Replacement	SFMTA: Replace 60, 1994 60' articulated Trolley Coaches with either Motor Coaches or Trolley Coaches.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Purchase of new buses and rail cars to replace existing vehicles or for	2040
San Francisco	SF-070046	240541	SFMTA	SFMTA: Rehab 170 Neoplans	SFMTA: Rehabilitate 170 Neoplans to extend the useful life.	2015 TIP Development - Retain this project in the TIP for informational purposes as it is ongoing	EXEMPT (40 CFR 93.126) - Purchase of new buses and rail cars to replace existing vehicles or for	2040
San Francisco	SF-090011	240557	SF County TA	Oakdale Caltrain Station	San Francisco: Oakdale near Palou: Planning, preliminary engineering, and environmental work for a new Caltrain station and transit service adjustments to serve station.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Planning activities conducted pursuant to titles 23 and 49 U.S.C	2020
San Francisco	SF-090030	22425	MTC	Regional Planning Activities and PPM - SF County	San Francisco: Regional Planning Activities and Planning, Programming and Monitoring (PPM)	2015 TIP Development	EXEMPT (40 CFR 93.126) - Planning activities conducted pursuant to titles 23 and 49 U.S.C	2040
San Francisco	SF-090031	94636	SFMTA	SF Muni - Preventive Maintenance	SF Muni - Preventive Maintenance	2015 TIP Development	EXEMPT (40 CFR 93.126) - Purchase of new buses and rail cars to replace existing vehicles or for	2040
San Francisco	SF-090035	94636	SFMTA	SFMTA: Paratransit Vehicle Replacements	SFMTA: Paratransit service across San Francisco; preserve service and replace 67 paratransit vehicles	2015 TIP Development - Retain this project in the TIP for informational purposes as it is ongoing	EXEMPT (40 CFR 93.126) - Purchase of new buses and rail cars to replace existing vehicles or for	2040
San Francisco	SF-090036	240533	SF DPW	San Francisco - Arelious Walker Stairway Imps.	In San Francisco: Arelious Walker Stairway Improvement Project will include leveling of stairway landings and individual stairs, repair or replace handrails, sidewalk repair and vegetation removal.	2015 TIP Development - Retain this project in the TIP for informational purposes as it is ongoing	EXEMPT (40 CFR 93.126) - Transportation enhancement activities (except rehabilitation and operation)	2040
San Francisco	SF-090038	240490	SF DPW	San Francisco Point Lobos Streetscape	In San Francisco: Construct new median, clearing and installation of trees, low level shrub planting & irrigation in median and along sidewalk.	2015 TIP Development - Retain this project in the TIP for informational purposes as it is ongoing	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040

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San Francisco	SF-090039	240486	SFMTA	San Francisco Bicycle Parking	In San Francisco: Various Locations: Up to 1,186 bicycle parking spaces will be installed using a variety of bicycle storage facilities including but not limited to on-street corrals and off-street racks.	2015 TIP Development - Retain this project in the TIP for informational purposes as it is ongoing	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
San Francisco	SF-090040	94525	BART	Balboa Park Station Eastside Walkway Project	Enhance the Balboa Park Station providing major accessibility and safety improvements.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Reconstruction or renovation of transit buildings and structures (e.g., rail)	2040
San Francisco	SF-090041	240488	SFMTA	Church and Duboce Bike/Ped Enhancements	San Francisco: Church Street at Market Street and on Noe Street between Duboce Avenue and 14th Street: Install and construct pedestrian and bicycle safety improvements including: curb cuts and signal	2015 TIP Development - Retain this project in the TIP for informational purposes as it is ongoing	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
San Francisco	SF-090042	240486	SFMTA	Sunset Boulevard Ped Safety and Education	San Francisco: On a two-mile stretch of Sunset Boulevard between Irving Street and Ocean Avenue: Install 4 ped signals, countdown features and accessible pedestrian signals (APS) for visually impaired	2015 TIP Development - Retain this project in the TIP for informational purposes as it is ongoing	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
San Francisco	SF-090043	94636	SFMTA	SFMTA: Replace 45 NABI Motor Coaches & 17 Gilligs	SFMTA: Replace 45 NABI standard motor coaches and 17 Gillig Buses that are at the end of their useful life.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Purchase of new buses and rail cars to replace existing vehicles or for	2040
San Francisco	SF-090051	94525	BART	24th Street/Mission BART Plaza Pedestrian Imps.	San Francisco: 24th St/BART Station: Plaza improvements, a bus bulb-out on Mission Street at the SW BART plaza, and raised crosswalks on 24th Street at intersecting alleys.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Transportation enhancement activities (except rehabilitation and operation	2040
San Francisco	SF-110005	240490	SF DPW	Great Highway Restoration	San Francisco: Great Highway: Restore and stabilize the Great Highway, stop bluff slides, and protect City infrastructure.	2015 TIP Development - Update the funding plan	EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation	2040
San Francisco	SF-110007	240490	SF DPW	San Francisco - Folsom Streetscape and Rehab	San Francisco: On Folsom Street from 19th Street to Cesar Chavez: Streetscape and pedestrian improvements; and pavement rehabilitation.	2015 TIP Development - Retain this project in the TIP for informational purposes	EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation	2040
San Francisco	SF-110008	98593	SFMTA	Second St Phase 1 - SFGo Signal Rehab and Upgrade	San Francisco: On 2nd St, between Market and Bryant: Design and install upgraded replacement underground interconnect conduits, pull boxes, fiber cables, and signal controllers	2015 TIP Development - Retain this project in the TIP for informational purposes as it is ongoing	EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation	2030
San Francisco	SF-110009	240490	SF DPW	San Francisco - Broadway Streetscape and Rehab	San Francisco: Streetscape and pedestrian improvements Kearny Street to Montgomery Street; and pavement rehabilitation on Broadway Street from Kearny Street to Battery Street.	2015 TIP Development - Retain this project in the TIP for informational purposes	EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation	2040
San Francisco	SF-110010	240541	SFMTA	SFMTA Transportation Asset Management System	San Francisco: SFMTA will implement an Enterprise Asset Management (EAM) system to inventory all of its major assets. By using an EAM system, SFMTA will be able to store data on age, condition, and	2015 TIP Development	EXEMPT (40 CFR 93.126) - Planning and technical studies	2040
San Francisco	SF-110011	240681	SF County TA	Integrated Public-Private Partnership TDM Program	San Francisco: Implement pilot TDM strategies: (a) parking cash-out programs and TDM related approaches, and (b) Muni Partners shuttle coordination and expansion. Includes program evaluation.	2015 TIP Development - Retain this project in the TIP for informational purposes as it is ongoing	EXEMPT (40 CFR 93.126) - Continuation of ride-sharing and van-pooling promotion activities at	2040
San Francisco	SF-110012	240490	SF DPW	South of Market Alleysways Improvements, Phase 2	In San Francisco: Six alleyways in the South of Market neighborhood: Streetscape improvements include items such as new raised crosswalks, traffic chicanes, textured asphalt paving, new landscaping, and	2015 TIP Development - Retain this project in the TIP for informational purposes as it is ongoing	EXEMPT (40 CFR 93.126) - Transportation enhancement activities (except rehabilitation and operation	2040
San Francisco	SF-110016	240486	SFMTA	San Francisco Market & Haight St. Transit/Ped Imps	San Francisco: Haight St. between Laguna and Market St: Convert to two way for transit operations, this includes work on the overhead wires, traffic signals, and streetscape/pedestrian improvements.	2015 TIP Development - Retain this project in the TIP for informational purposes	EXEMPT (40 CFR 93.126) - Transportation enhancement activities (except rehabilitation and operation	2040
San Francisco	SF-110029	240486	SFMTA	Sunset and AP Giannini SR25 Improvements	In San Francisco: On neighborhood streets near Sunset Elementary School and AP Giannini Middle School; Construct a bike lane and pedestrian safety & traffic calming improvements.	2015 TIP Development - Update contact information and retain in the TIP for informational purposes as the project is ongoing	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040

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County	TIP ID	RTP ID	Sponsor	Project	Project Description	Description of Change	Air Quality Description	Conformity Analysis Year*
San Francisco	SF-110037	240681	SFMTA	Linked Priced Electric Bikes	In San Francisco and select Bay Area cities: Apply ITS technology and differential pricing with the collocation of shared electric bicycles within City CarShare's existing systems	2015 TIP Development - Update the funding plan	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
San Francisco	SF-110038	240476	SF County TA	San Francisco Parking Pricing and Regulation Study	San Francisco: Develop and evaluate parking-based approaches for the management of areawide traffic congestion in San Francisco.	2015 TIP Development - Retain this project in the TIP for informational purposes as the project is ongoing	EXEMPT (40 CFR 93.126) - Planning and technical studies	2040
San Francisco	SF-110039	240493	SFMTA	SF Ped Safety and Encouragement Campaign	San Francisco: City-wide: 18-month pedestrian safety and encouragement campaign	2015 TIP Development - Retain this project in the TIP for informational purposes as the project is ongoing	EXEMPT (40 CFR 93.126) - Grants for training and research programs	2040
San Francisco	SF-110040	240488	SFMTA	SF Crosswalk Conversion	San Francisco: At 12 uncontrolled crosswalks: Implement continental crosswalks and advance yield lines; At 21 signal or STOP controlled intersections: Implement continental crosswalks	2015 TIP Development - Retain this project in the TIP for informational purposes as the project is ongoing	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
San Francisco	SF-110043	240526	SFMTA	SFMTA: Mission Customer First Program	San Francisco: on Mission Corridor: implement enhancements to transit including but not limited to the following: Colorizing existing dedicated transit lanes, Transit Signal Priority, Vehicle Branding, and	2015 TIP Development - Retain this project in the TIP for informational purposes as the project is ongoing	EXEMPT (40 CFR 93.127) - Intersection signalization projects at individual intersections	2020
San Francisco	SF-110044	94525	BART	Regional Real-Time Transit Information at BART	In downtown Oakland and downtown San Francisco: at six key intermodal BART stations: add additional real time transit information displays	2015 TIP Development	EXEMPT (40 CFR 93.126) - Directional and informational signs	2040
San Francisco	SF-110047	21011	SFMTA	Local PDA Planning - San Francisco	San Francisco City/County Planning Department: Planning assistance pass through to the San Francisco City/County Planning Department to support transportation investments and improve performance	2015 TIP Development - Retain this project in the TIP for informational purposes as the project is ongoing	EXEMPT (40 CFR 93.126) - Planning and technical studies	2040
San Francisco	SF-110048	94525	BART	BART 24th Street Train Control Upgrade	BART: 24th St. Station: Upgrade train control capability, including turn back facilities, to provide operational flexibility	2015 TIP Development - updated project schedule to reflect obligation of funds	EXEMPT (40 CFR 93.126) - Rehabilitation or reconstruction of track structures, track, and	2040
San Francisco	SF-110050	94636	SFMTA	SFMTA: Replace 58 40' Neoplan Buses	SFMTA: Replace 58 40' Neoplan Buses originally in service in 2002 with 58 40' hybrid buses.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Purchase of new buses and rail cars to replace existing vehicles or for	2040
San Francisco	SF-110051	94636	SFMTA	SFMTA: Replace 26 60' Neoplan Buses	SFMTA: Replace 26 60' Neoplan Buses diesel buses originally in service in 2002 with 26 60' hybrid buses. Manufacturer to be determined. Included in RTP and agency Transit Fleet Management Plan, has	2015 TIP Development	EXEMPT (40 CFR 93.126) - Purchase of new buses and rail cars to replace existing vehicles or for	2040
San Francisco	SF-110052	240526	SFMTA	SFMTA - Free Muni for Youth Program	SFMTA - Implement a Pilot Program to provide free Muni to low and moderate income youth in San Francisco between the ages of 5 and 17	2015 TIP Development	EXEMPT (40 CFR 93.126) - Planning and technical studies	2020
San Francisco	SF-110053	21017	WETA	WETA: Replace Ferry Vessels	WETA: Fund the replacement of all existing ferry vessels for WETA when the vessels reach the end of their useful life of 25 years.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Purchase of new buses and rail cars to replace existing vehicles or for	2040
San Francisco	SF-130008	240523	SF County TA	HOV Lanes on US 101 in SF - Project Development	San Francisco: US 101 from SF county line to Cesar Chavez: Planning, Preliminary Engineering, and Environmental to convert one existing lane in each direction to HOV lanes	2015 TIP Development - Update programming year	EXEMPT (40 CFR 93.126) - Planning and technical studies	2015
San Francisco	SF-130009	240525	SF County TA	HOV Ramps: I-280/6th St Ramps- Project Development	San Francisco: I-280/6th St. I/C: Planning only for dedicated ramp for high-occupancy vehicles	2015 TIP Development - Updated programming year	EXEMPT (40 CFR 93.126) - Planning and technical studies	2015
San Francisco	SF-130010	240546	SF County TA	Construct Treasure Island Bus Terminal Facility	San Francisco: Treasure Island: Construct Treasure Island Bus Terminal Facility	2015 TIP Development	EXEMPT (40 CFR 93.127) - Bus terminals and transfer points	2020
San Francisco	SF-130012	240486	SF DPW	SF- Longfellow ES Safe Routes to School	In San Francisco: In the vicinity of Longfellow Elementary School; Design and construct curb ramps and bulb outs and other pedestrian improvements.	2015 TIP Development - Update delivery milestones	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
San Francisco	SF-130013	240486	SF DPW	SF-ER Taylor ES Safe Routes to School	In San Francisco: In the vicinity of ER Taylor Elementary School; Design and construct bulb outs and curb ramps.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
San Francisco	SF-130014	240486	SF DPW	SF- Broadway Chinatown Complete Streets	In San Francisco: On Broadway between Columbus and the Broadway Tunnel; Design and construct a complete street project.	2015 TIP Development - Update the funding plan	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040

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List of 2015 TIP Projects by County

County	TIP ID	RTP ID	Sponsor	Project	Project Description	Description of Change	Air Quality Description	Conformity Analysis Year*
San Francisco	SF-130018	240747	SFDPH	SF SRTS Non-Infrastructure Program	In San Francisco: Countywide: Expansion of the existing San Francisco SRTS education and outreach program.	2015 TIP Development - Retain this project in the TIP for informational purposes as the project is ongoing	EXEMPT (40 CFR 93.126) - Grants for training and research programs	2040
San Francisco	SF-130020	240309	SFMTA	SFMTA: Purchase 60 foot expansion motor coaches	SFMTA: Purchase 25-30 60 foot expansion motor coaches	2015 TIP Development - Update the project name	EXEMPT (40 CFR 93.126) - Purchase of new buses and rail cars to replace existing vehicles or for	2020
San Francisco	SF-130022	240731	SFMTA	Twin Peaks Connectivity Planning	San Francisco: on Twin Peaks: Develop a conceptual design that will improve access for people who walk or bicycle on Twin Peaks.	2015 TIP Development - Update the funding plan	EXEMPT (40 CFR 93.126) - Planning and technical studies	2040
San Francisco	SF-95037B	94636	SFMTA	SF Muni Rail Replacement Program	SFMTA: Systemwide - Phased design and replacement of trackway and related systems serving light rail and cable car lines.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Rehabilitation or reconstruction of track structures, track, and trackbed in	2040
San Francisco	SF-970073	94636	SFMTA	SFMTA: Cable Car Vehicle Renovation Program	San Francisco: Rehabilitate up to four Cable Car vehicles in one year - two undergoing reconstruction, one in major overhaul, and one in minor overhaul.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Rehabilitation of transit vehicles	2040
San Francisco	SF-970170	94636	SFMTA	SFMTA: Trolley Overhead Recon. Program	San Francisco: LRT: Phased design and replacement of the overhead wires and related traction power system serving light rail and trolley coach lines.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Reconstruction or renovation of transit buildings and structures	2040
San Francisco	SF-990003	240536	SFMTA	Global Positioning System	Muni: Global Positioning System, Central Control, and Radio system replacement project.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Construction or renovation of power, signal, and communications systems	2040
San Francisco	SF-990022	94636	SFMTA	SFMTA: ADA Paratransit operating support	Muni: ADA Paratransit Operating Subsidy; provides funding for increased van/taxi services to people with disabilities who are prevented from using Muni's fixed route services.	2015 TIP Development - Retain this project in the TIP for informational purposes as it is ongoing	EXEMPT (40 CFR 93.126) - Operating assistance to transit agencies	2040
San Francisco	SF-99T002	94636	SFMTA	Cable Car Traction Power & Guideway Rehab	SFMTA: Cable Car Traction Power and Guideway Rehab: Repair various guideway and infrastructure & make improvements to the cable car system.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Rehabilitation or reconstruction of track structures, track, and trackbed in	2040
San Francisco	SF-99T005	94636	SFMTA	SFMTA: Historic Rail Car rehabilitation	SFMTA: San Francisco; Rehabilitation of historic light rail vehicles for operation.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Rehabilitation of transit vehicles	2040
San Mateo	SM-010002	21893	SMCTA	SR 92 Shoulder Widening & Curve Correction	Half Moon Bay: Rte 92 b/w eastern city limits and Pilarcitos Creek; Widen shoulders, straighten curves and improve vertical sight distances. No additional travel lanes.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Shoulder improvements	2040
San Mateo	SM-010047	21606	SMCTA	US 101 / Willow Road Interchange Reconstruction	Mento Park: US 101 at Willow Road Interchange; Reconstruct and reconfigure interchange (No additional travel lanes).	2015 TIP Development	EXEMPT (40 CFR 93.127) - Changes in vertical and horizontal alignment	2020
San Mateo	SM-010054	22481	Caltrain	San Mateo Bridges Replacement	City of San Mateo: Caltrain Corridor - Reconstruct existing Poplar, Santa Inez, Monte Diablo and Tilton railroad grade separation structures, including replacing the bridge decks, project is phased	2015 TIP Development	EXEMPT (40 CFR 93.126) - Railroad/highway crossing	2040
San Mateo	SM-030010	22481	Caltrain	Caltrain: Systemwide Security	Caltrain: Security enhancements such as fencing, the installation of panic buttons, fire alarms, surveillance/communication equipment and site hardening of facilities along the Caltrain Corridor.	2015 TIP Development - Retain for Informational Purposes as the project is ongoing	EXEMPT (40 CFR 93.126) - Purchase of office, shop, and operating equipment for existing facilities	2040
San Mateo	SM-030023	94666	SamTrans	SAMTRANS: Preventive Maintenance	SamTrans: Preventative maintenance program for agency fleet.	2015 TIP Development - Update the funding plan	EXEMPT (40 CFR 93.126) - Rehabilitation of transit vehicles	2040
San Mateo	SM-050005	94525	BART	BART: Preventive Maintenance	BART: Systemwide; Preventive Maintenance	2015 TIP Development	EXEMPT (40 CFR 93.126) - Rehabilitation of transit vehicles	2040
San Mateo	SM-050040	22481	Caltrain	Caltrain: ADA Operating Set-aside	Caltrain: ADA Paratransit Operating assistance set-aside	2015 TIP Development - Retain for Informational Purposes as the project is ongoing	EXEMPT (40 CFR 93.126) - Operating assistance to transit agencies	2040
San Mateo	SM-050046	21011	Daly City	SR 82 Daly City-Mission St. Pedestrian Imps.- Ph I	Daly City: Corner of Mission St. & John Daly Blvd & on Mission St. from John Daly Blvd to Alp St.; Construct transit & ped improvements including crossing & real time transit info (TLC/HIP).	2015 TIP Development - Retain this project in the TIP for informational purposes	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040

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San Mateo	SM-050051	240590	SamTrans	SR 82 - El Camino Real Grand Boulevard Initiative	El Camino Real Corridor: Ped. & transit facility enhancements, streetscape improvements including medians, wider sidewalks, bike routes & improved linkages to transit hubs & downtown.	2015 TIP Development - Update RTP reference	EXEMPT (40 CFR 93.126) - Transportation enhancement activities (except rehabilitation and operation)	2040
San Mateo	SM-050052	22261	Pacifica	SR1 San Pedro Creek Bridge Replacement	Pacifica: On State Route 1 at San Pedro Creek; Replace bridge and roadway approaches within Caltrans right of way. No new travel lanes.	2015 TIP Development - Retain this project in the TIP for informational purposes as it is ongoing	EXEMPT (40 CFR 93.126) - Widening narrow pavements or reconstructing bridges (no additional travel)	2020
San Mateo	SM-050053	240143	Millbrae	US 101 Millbrae Ave Bike/Ped Bridge	Millbrae: Across US 101 north of and adjacent to the existing Millbrae Avenue bridge; Construct a new 10-ft wide Class 1 mixed use bike/ped overcrossing.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2020
San Mateo	SM-070002	22274	CCAG	San Mateo Countywide ITS Improvements	San Mateo County: County-wide; ITS improvements at various locations in San Mateo County.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Traffic control devices and operating assistance other than signalization	2040
San Mateo	SM-070004	240086	East Palo Alto	Bay Rd Bicycle/Ped Improvements Phase II & III	E. Palo Alto: On Bay Rd btw Clarke/Illinois & Tara Rd (Ph II) & btw Tara Rd & Bay Trail (Ph. III); Improvements including resurface, streetscape, bike lanes, & other improvements. HPP #706 (remainder)	2015 TIP Development - Update the funding plan to reflect current funding sources.	EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation	2040
San Mateo	SM-070006	21607	East Palo Alto	US 101 University Ave Interchange Improvements	E. Palo Alto: On University Ave across US 101 btw Woodland Ave and Donahoe St; Construct Bike Lane, modify NB and SB off-ramps and intersections with overcrossing with no new lanes for off-ramps. HPP	2015 TIP Development - Update the funding plan	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2020
San Mateo	SM-070029	21612	CCAG	Dumbarton Bridge to US101 Connection Study	East Palo Alto: Dumbarton Bridge at US 101; Study of various connections between the Dumbarton Bridge and Highway 101. SAFETEA Earmark HPP #3062 (\$400K)	2015 TIP Development - Update the funding plan	EXEMPT (40 CFR 93.126) - Planning and technical studies	2030
San Mateo	SM-070031	21011	San Bruno	SR 82 El Camino Real: Grand Boulevard Initiative	San Bruno: Along El Camino Real & along San Bruno Ave; Install or upgrade landscaping and add irrigation systems in the medians plus other beautification enhancements.	2015 TIP Development - Retain this project in the TIP for informational purposes as the project is ongoing	EXEMPT (40 CFR 93.126) - Plantings, landscaping, etc	2040
San Mateo	SM-070032	22481	Caltrain	VMS-PA Systems Integration	Caltrain: Develop integrated visual messaging signs (VMS) and a public address (PA) system.	2015 TIP Development - Retain this project in the TIP for informational purposes as it is ongoing	EXEMPT (40 CFR 93.126) - Transportation enhancement activities (except rehabilitation and operation)	2040
San Mateo	SM-070037	22274	CCAG	San Mateo County Traffic Incident Management	In San Mateo County: Implement traffic incident management strategies by deploying Intelligent Transportation System (ITS) elements.	2015 TIP Development - Retain this project in the TIP for informational purposes as the project is ongoing	EXEMPT (40 CFR 93.126) - Traffic control devices and operating assistance other than signalization	2040
San Mateo	SM-070049	94666	SamTrans	Facility/Equipment Rehabilitation/Replacement	Operating/maintenance facility/equipment rehabilitation/replacement, including the provision of facility improvements for administration, maintenance, and operations at the Central Administrative facility, the	2015 TIP Development	EXEMPT (40 CFR 93.126) - Purchase of operating equipment for vehicles (e.g., radios, fareboxes, lifts,	2040
San Mateo	SM-090001	22481	Caltrain	Narrow Banding Project	Caltrain: Develop a project strategy plan to identify Caltrain's radio equipment that cannot be modified/reprogrammed to narrow bridge banding and to produce a master voice systems plan.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Planning activities conducted pursuant to titles 23 and 49 U.S.C	2040
San Mateo	SM-090021	240064	Caltrain	Caltrain Grade Separation Program	Along the Caltrain line, provide grade separations of existing crossings at San Bruno, San Mateo, and Angus Avenues in San Bruno and the demolition of the existing San Bruno Station, and reconstruct it	2015 TIP Development	EXEMPT (40 CFR 93.126) - Railroad/highway crossing	2040
San Mateo	SM-090023	240745	Caltrans	San Mateo County: Install TMS Elements	San Mateo County: from Santa Clara County line to San Francisco county line. Install TMS Elements.	2015 TIP Development - Retain this project in the TIP for informational purposes as the project is ongoing	EXEMPT (40 CFR 93.126) - Highway Safety Improvement Program implementation	2040
San Mateo	SM-090024	22425	MTC	Regional Planning Activities and PPM - San Mateo	San Mateo: Regional Planning Activities and Planning, Programming and Monitoring (PPM)	2015 TIP Development	EXEMPT (40 CFR 93.126) - Planning and technical studies	2040
San Mateo	SM-090054	22274	San Mateo	Smart Corridor Initial Implementation Project	In the City of San Mateo - install PTZ and closed circuit television cameras, flush plans, upgraded traffic signal controllers, trailblazers signs (TBS), arterial system detection station and upgrade	2015 TIP Development - Retain this project in the TIP for informational purposes as the project is ongoing	EXEMPT (40 CFR 93.126) - Traffic control devices and operating assistance other than signalization	2040

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List of 2015 TIP Projects by County

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County	TIP ID	RTP ID	Sponsor	Project	Project Description	Description of Change	Air Quality Description	Conformity Analysis Year*
San Mateo	SM-110005	94666	SamTrans	Making the Last Mile Connection TDM Program	Redwood City: Implement TDM strategies including: carshare pods at Redwood city Caltrain station and downtown sites, short-distance vanpools, telework and flex-schedules, and residential and	2015 TIP Development	EXEMPT (40 CFR 93.126) - Continuation of ride-sharing and van-pooling promotion activities at	2040
San Mateo	SM-110006	94666	SamTrans	GBI: Removing Barriers to Livable Communities	Daily City: El Camino Real: Develop strategies for removing barriers to livable communities includes five focus areas: (1) street design, (2) economic development and housing, (3) infrastructure, (4)	2015 TIP Development - Retain this project in the TIP for informational purposes as it is ongoing	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
San Mateo	SM-110011	21011	San Bruno	San Bruno Street Medians and Grand Blvd Imps	San Bruno: El Camino Real (SR 82), San Bruno Avenue, Sneath Lane and other Arterials - Median enhancements	2015 TIP Development - Retain this project in the TIP for informational purposes as the project is ongoing	EXEMPT (40 CFR 93.126) - Transportation enhancement activities (except rehabilitation and operation	2040
San Mateo	SM-110012	240086	San Bruno	San Bruno Transit Corridor Pedestrian Imps	San Bruno: El Camino Real from San Bruno Avenue to Sneath Lane, San Bruno Avenue from El Camino Real to Huntington Avenue and Huntington Avenue from San Bruno Avenue to Sneath Lane. Streetscape	2015 TIP Development	EXEMPT (40 CFR 93.126) - Transportation enhancement activities (except rehabilitation and operation	2040
San Mateo	SM-110022	230550	CCAG	San Mateo County SR25 Program	San Mateo County: Countywide: Provide modularized safe routes to school programs and projects that focuses on education, encouragement, evaluation and enforcement components to all interested	2015 TIP Development - Retain this project in the TIP for informational purposes as the project is ongoing	EXEMPT (40 CFR 93.126) - Grants for training and research programs	2030
San Mateo	SM-110024	230430	San Mateo Co	CSRT South of Dam Conversion	San Mateo County: 4,480-foot section of existing SFPUC service road: Convert to Crystal Springs Regional Trail South of Dam Project.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
San Mateo	SM-110028	21011	San Carlos	East Side Community Transit Connectivity Imps	In San Carlos, on Old County Road between Brittan Ave and Belmont City Limits and on East San Carlos Ave between Old County Rd and Industrial Rd, provide pedestrian and bicycle enhancements.	2015 TIP Development - Retain this project in the TIP for informational purposes as the project is ongoing	EXEMPT (40 CFR 93.126) - Transportation enhancement activities (except rehabilitation and operation	2040
San Mateo	SM-110047	21613	San Mateo	SR92/El Camino Real (SR82) Ramp Modifications	San Mateo: At the SR92/El Camino Real (SR82) interchange: Modify existing on/off ramp to improve the ingress and egress of the interchange.	2015 TIP Development - Update the funding plan	EXEMPT (40 CFR 93.127) - Interchange reconfiguration projects	2030
San Mateo	SM-110053	94666	SamTrans	SAMTRANS: Advanced Communication System Upgrades	SAMTRANS: Upgrade Advanced Communication System (ACS). ACS is a set of interrelated radio and computer components deployed at SamTrans dispatch centers and onboard vehicles	2015 TIP Development	EXEMPT (40 CFR 93.126) - Construction or renovation of power, signal, and communications systems	2040
San Mateo	SM-110054	94666	SamTrans	Reconfiguration of San Carlos Transit Center	San Carlos Transit Center: Reconfigure and rehabilitate the current transit center to facilitate improved safety and connections between SamTrans fixed-route bus service, Caltrain commuter rail, local	2015 TIP Development	EXEMPT (40 CFR 93.126) - Reconstruction or renovation of transit buildings and structures (e.g., rail	2040
San Mateo	SM-110062	94666	SamTrans	SamTrans - Replace 62 1998 Gillig Buses	SamTrans: Replace 62-40' 1998 Gillig Buses, which have exceeded their useful life.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Purchase of new buses and rail cars to replace existing vehicles or for	2040
San Mateo	SM-110063	230430	San Mateo Co	CSRT South of Hwy 92 Conversion	In Unincorporated San Mateo County, Crystal Springs Regional Trail, Between Hwy 92 and Ralston Bike Trail on Cañada Rd; convert service road to multi-use trail for pedestrian, cyclist, and equestrians.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
San Mateo	SM-110064	22423	San Mateo	North Central Pedestrian Improvement Program	North Central San Mateo: Various locations south of Cypress Avenue: pedestrian infrastructure improvements including new curb ramps, crosswalks, curb extensions, lighting, and advanced stop bars	2015 TIP Development	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
San Mateo	SM-110065	22423	Redwood City	Middlefield Rd and Woodside Rd Intersection Improv	In Redwood City: At the intersection of Middlefield Rd and Woodside Rd; modify intersection to provide pedestrian facilities.	2015 TIP Development	EXEMPT (40 CFR 93.127) - Intersection channelization projects	2040
San Mateo	SM-110067	21011	MTC	Local PDA Planning - San Mateo	San Mateo County Various Agencies: Planning assistance pass through to local jurisdictions to support transportation investments and improve their performance in Priority Development Areas (PDAs)	2015 TIP Development - Update the funding plan	EXEMPT (40 CFR 93.126) - Planning and technical studies	2040
San Mateo	SM-110068	94666	SamTrans	SamTrans - Replacement of Articulated Bus Fleet	SAMTRANS: Replace up to 55 2002 60' NABI diesel articulated buses that have exceeded their useful life.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Purchase of new buses and rail cars to replace existing vehicles or for	2040

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San Mateo	SM-110069	94666	SamTrans	Replacement of 19 2007 Cutaway Buses	Samtrans: Replace 19 2007 22' diesel powered cutaway buses that have exceeded their useful life with 19 22' gasoline powered buses	2015 TIP Development	EXEMPT (40 CFR 93.126) - Purchase of new buses and rail cars to replace existing vehicles or for	2040
San Mateo	SM-110070	94666	SamTrans	SAMTRANS: Replacement of 14 2009 Minivans	SAMTRANS: Replace 14 2009 para-transit minivans that have exceeded their useful life.	2015 TIP Development - Retain this project in the TIP for informational purposes as it is ongoing	EXEMPT (40 CFR 93.126) - Purchase of new buses and rail cars to replace existing vehicles or for	2040
San Mateo	SM-110073	230697	Pacifica	FY 2014-15 Linda Mar Boulevard Pavement Rehab	In Pacifica: On Linda Mar Boulevard, Pavement Rehabilitation, from the Linda Mar Shopping Center to Adobe Drive.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation	2040
San Mateo	SM-110074	230697	Atherton	Atherton-Fair Oaks-Middlefield Preservation	In Atherton: On Atherton Ave(Alameda de las Pulgas to El Camino), Fair Oaks Lrt(El Camino Real to Middlefield Rd), Middlefield Rd (Redwood City's City Limit to Menlo Park's City Limit): Roadway	2015 TIP Development	EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation	2040
San Mateo	SM-110075	230697	San Carlos	Crestview Drive Pavement Rehabilitation-Phase 2	In San Carlos: Crestview Drive between 100 feet North of Leslie Drive and Club Drive: Pavement and curb ramp rehabilitation	2015 TIP Development - Retain this project in the TIP for informational purposes as the project is ongoing	EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation	2040
San Mateo	SM-110076	22481	Caltrain	Caltrain TVM Replacement	Caltrain: Various Locations: Replace Ticket Vending Machines (TVM)	2015 TIP Development - Retain for Informational Purposes as the project is ongoing	EXEMPT (40 CFR 93.126) - Purchase of office, shop, and operating equipment for existing facilities	2040
San Mateo	SM-130001	21013	MTC	Dumbarton Bridge Seismic Retrofit	San Francisco Bay Area: Dumbarton Bridge: Upgrade the Dumbarton Bridge to meet all current seismic and safety design standards	2015 TIP Development	EXEMPT (40 CFR 93.126) - Widening narrow pavements or reconstructing bridges (no additional travel)	2040
San Mateo	SM-130002	230697	Redwood City	Redwood City Various Streets Overlay	Redwood City: On Whipple Ave from Upland Rd to El Camino Real, Whipple Ave from US101 to Veterans Blvd. and Veterans Blvd from US101 to Whipple Ave: Rehabilitate the roadway, add new striping, and	2015 TIP Development	EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation	2040
San Mateo	SM-130003	230430	SSF	SSF Citywide Sidewalk Gap Closure Project	South San Francisco: Various Streets: closes gaps in the existing pedestrian infrastructure	2015 TIP Development	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
San Mateo	SM-130004	230697	San Mateo	Mount Diablo Ave. Rehabilitation	In the City of San Mateo: Monte Diablo Avenue from N Quebec St to N Kingston St.: Rehabilitation of local streets and roads and addition of ADA compliant curb ramps, bicycle improvements and pedestrian	2015 TIP Development	EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation	2040
San Mateo	SM-130005	230697	Daly City	Callan Boulevard and King Drive Resurfacing	In Daly City: on Callan Boulevard from Hickey Boulevard to Wembley Drive and on King Drive from Verducci Drive to Gellert Boulevard: resurface roadway including upgrade/installation of curb access ramps	2015 TIP Development	EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation	2040
San Mateo	SM-130006	230697	Portola Valley	Town of Portola Valley Resurfacing Prog	In Portola Valley: On various existing federal aid streets: Surface Seals, Asphalt Overlay, base repairs, crack seal, striping.	2015 TIP Development - Updated funding plan to reflect obligation of funds and retain in the TIP for informational purposes	EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation	2040
San Mateo	SM-130007	230697	Belmont	Belmont Pavement Reconstruction Program	Belmont: Notre Dame Ave from Alameda de las Pulgas - Miller Avenue, Notre Dame from Ralston Avenue - Arbor Avenue, and Cipriani Blvd from Alameda de las Pulgas - Newlands Avenue: Pavement	2015 TIP Development	EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation	2040
San Mateo	SM-130008	230430	Menlo Park	Menlo Park-Variou Streets Bike /Ped Improvements	Menlo Park: Various locations: Implement bicycle and pedestrian safety improvements	2015 TIP Development	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
San Mateo	SM-130009	230697	Millbrae	Millbrae Various Streets and Roads Preservation	Millbrae: Various Locations: Rehabilitate and replace pavement and miscellaneous concrete improvements including installing wheel chair curb ramps.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation	2040
San Mateo	SM-130010	230697	Menlo Park	Menlo Park Various Streets and Roads Preservation	Menlo Park: On Chico Street, Woodland Avenue, Olive Street and University Drive: Rehabilitate pavement	2015 TIP Development - update expanded description	EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation	2040
San Mateo	SM-130011	240086	Daly City	John Daly Boulevard Bicycle /Ped Improvements	Daly City: On John Daly Blvd between Top of the Hill - Mission Street transit hub and the Daly City BART Station at Delong Street and Los Banos Ave: Implement bike/ped improvements	2015 TIP Development	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040

* Projects with conformity analysis years 2040 reference programmatic projects or projects with a completion date after 2030 in Plan Bay Area

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County	TIP ID	RTP ID	Sponsor	Project	Project Description	Description of Change	Air Quality Description	Conformity Analysis Year*
San Mateo	SM-130012	240086	San Carlos	San Carlos Streetscape and Ped Improvements	San Carlos: Around the intersection of El Camino Real and Arroyo Ave: Grand Boulevard Initiatives (GBI), implement bike/ped improvements and bus pad and add pedestrian activation to a mid-block signal	2015 TIP Development	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
San Mateo	SM-130013	240086	SSF	South San Francisco Grand Blvd Ped Improvements	South San Francisco: El Camino Real between Chestnut Ave/Westborough Blvd to Arroyo Ave: Design and construct improved pedestrian crossings with corner bulbouts, median refuges, expanded bus stop	2015 TIP Development - Update funding plan	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
San Mateo	SM-130014	21624	San Carlos	El Camino Real Pedestrian Upgrades	San Carlos: El Camino Real, between Oak Street and Arroyo Ave: Implement improvements to benefit pedestrians and include planting trees, install pedestrian lighting on existing west sidewalk and improve	2015 TIP Development - Retain this project in the TIP for informational purposes as the project is ongoing	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
San Mateo	SM-130015	230430	San Mateo Co	Semicircular Rd Bicycle / Ped Access Improvements	San Mateo County: On Semicircular Road between Middlefield Road and 5th Avenue: Replace existing sidewalk with ADA compliant sidewalk and install sharrows and school crossing signs; four nearby	2015 TIP Development	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
San Mateo	SM-130016	240086	Pacifica	Palmetto Avenue Streetscape	In Pacifica: Palmetto Avenue from Bella Vista Avenue to Clarendon Road: Pavement rehabilitation and pedestrian sidewalk improvements.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
San Mateo	SM-130017	240086	Belmont	Ralston Avenue Pedestrian Route Improvements	Belmont: Ralston Ave. between South Rd. and Chula Vista Ave. (near Notre Dame de Namur University): Install pedestrian improvements.	2015 TIP Development - Update delivery milestones	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
San Mateo	SM-130018	230430	Belmont	Old County Road Bicycle/Pedestrian Improvements	Belmont: Old County Road from Ralston Ave to the Belmont/San Carlos City Limits: Implement bike and pedestrian route improvements	2015 TIP Development - Update the delivery milestones	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
San Mateo	SM-130019	240086	San Bruno	San Bruno Ave Street Medians Improvements	San Bruno: San Bruno Ave from Elm Ave to I-280: Implement pedestrian improvement including curb ramps, speed radar display signs, demolish existing landscape and replace and replace existing spray	2015 TIP Development	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
San Mateo	SM-130020	21624	San Mateo	San Mateo Citywide Crosswalk Improvements	City of San Mateo: Various locations citywide: Install new high visibility crosswalks or upgrade existing crosswalks	2015 TIP Development - Update the funding plan	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
San Mateo	SM-130022	230430	Redwood City	Middlefield Road Bicycle / Ped Improvements	In Redwood City: on Middlefield Road between Main Street and MacArthur Avenue: Modify roadway and utilities as needed to widen sidewalks and improve bike and pedestrian amenities. No vehicle travel	2015 TIP Development - Update the funding plan and expanded project description	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
San Mateo	SM-130023	22274	Menlo Park	Menlo Park - Willow Rd Traffic Signal Modification	In Menlo Park: On Willow Road between Middlefield Road and Hamilton Avenue, modification of 9 traffic signals.	2015 TIP Development - Retain this project in the TIP for informational purposes as the project is ongoing	EXEMPT (40 CFR 93.126) - Traffic signal synchronization projects	2040
San Mateo	SM-130025	94666	SanTrans	SanTrans Service Plan (SSP)	SanTrans: System-wide: Offset a reduction in price for the Day Pass by \$1.00 and install new signage for new and modified bus routes	2015 TIP Development	EXEMPT (40 CFR 93.126) - Operating assistance to transit agencies	2040
San Mateo	SM-130026	22481	Caltrain	Caltrain Control Point Installation	Caltrain mainline: In San Carlos: Install a new control point (rail crossover)	2015 TIP Development - Update the funding plan	EXEMPT (40 CFR 93.126) - Rehabilitation or reconstruction of track structures, track, and trackbed in	2040
San Mateo	SM-130027	22481	Caltrain	Caltrain Off-peak Marketing Campaign	Caltrain: Systemwide: Undertake a marketing campaign targeting off-peak ridership	2015 TIP Development - Update the funding plan	EXEMPT (40 CFR 93.126) - Planning and technical studies	2040
San Mateo	SM-130028	230430	East Palo Alto	US-101 Pedestrian/Bicycle Overcrossing	In East Palo Alto: between Clarke Avenue and Newell Road: Install a Pedestrian/Bicycle Overcrossing of US-101 to connect the west-side with the east-side of East Palo Alto for safe pedestrian/bicycle	2015 TIP Development - Update the funding plan	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
San Mateo	SM-130029	94525	BART	Day City BART Station Intermodal Improvements	Day City: At Day City BART Station: Improve transit operations; pedestrian & bicycle access; and safety & patron experience	2015 TIP Development	EXEMPT (40 CFR 93.127) - Bus terminals and transfer points	2040
San Mateo	SM-130030	240590	SSF	Grand Boulevard Initiative Complete Street Program	South San Francisco: Along El Camino Real between Kaiser Way and McLeelan Drive: Implement bike and pedestrian enhancements, street trees, rain gardens and median landscaping as well as	2015 TIP Development	EXEMPT (40 CFR 93.126) - Transportation enhancement activities (except rehabilitation and operation	2040

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San Mateo	SM-130031	240731	SF City/County	Southern Skyline Blvd, Ridge Trail Extension	San Mateo County: On the east side of SR-35 "Upper Skyline Blvd" between the intersection of Hwy 92 and Hwy 35 southward approximately 6 miles to the SFPUC Peninsula Watershed; Construct Southern	2015 TIP Development - Update the funding plan	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
San Mateo	SM-130032	240511	San Mateo Co	Midcoast Multi-Modal Trail	San Mateo County: On Highway 1 from Alto Avenue in Miramar to Coronado Street in El Granada; Construct 3,750 feet of multi-use trail	2015 TIP Development	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
San Mateo	SM-990026	94666	SanTrans	SAMTRANS: ADA Paratransit Operating Subsidy.	SanTrans: ADA Paratransit Operating Subsidy.	2015 TIP Development - Retain this project in the TIP for informational purposes as it is ongoing	EXEMPT (40 CFR 93.126) - Operating assistance to transit agencies	2040
Sanita Clara	ALA050042	21017	ACE	ACE: ADA Operating Set-aside	ACE: ADA Operating Set-aside	2015 TIP Development - Retain this project in the TIP for informational purposes as it is ongoing	EXEMPT (40 CFR 93.126) - Operating assistance to transit agencies	2040
Sanita Clara	SCL010019	230201	VTA	I-880 Coleman Avenue I/C Reconfiguration	In San Jose: I-880@Coleman; Reconst. Coleman Ave. bridge & realign, reconst. all ramps accessing I-880; add new direct connector ramp to SB I-880 from Airport & Newhall plus landscaping (Garvee)	2015 TIP Development - Retain this project in the TIP for informational purposes	EXEMPT (40 CFR 93.127) - Changes in vertical and horizontal alignment	2030
Sanita Clara	SCL010040	230294	VTA	SR-152/SR-156 Interchange Improvements	SR-152/SR-156: WB SR-152 to SB-SR-156; Construct a flyover and other improvements at the interchange. Perform PAVED studies for capacity improvements needed for the 152/156 interchange. HPP	2015 TIP Development - Retain this project in the TIP for informational purposes	EXEMPT (40 CFR 93.127) - Changes in vertical and horizontal alignment	2020
Sanita Clara	SCL030008	240745	Caltrans	SR 87 Guadalupe Freeway Corridor Landscaping	In San Jose: On SR-87 from Julian St to route 101; Landscaping along new corridor improvements (Also see SCL990041).	2015 TIP Development - Retain this project in the TIP for informational purposes	EXEMPT (40 CFR 93.126) - Plantings, landscaping, etc	2040
Sanita Clara	SCL030012	240742	VTA	Garvee Debt. Srv. - SCL010019, SCL990030-31	Sanita Clara County: Garvee Debt Service Payment for issue of bonds for the State Route 87 HOV projects (SCL990031 and SCL010019 & SCL990030), and I-880@Coleman.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Planning and technical studies	2040
Sanita Clara	SCL050001	94610	VTA	VTA - Standard & Small Bus Replacement	VTA: Standard and Small Bus Replacement	2015 TIP Development - Retain this project in the TIP for informational purposes	EXEMPT (40 CFR 93.126) - Purchase of new buses and rail cars to replace existing vehicles or for	2040
Sanita Clara	SCL050002	94610	VTA	VTA - Rail Replacement Program	VTA: Rail Replacement Program throughout the Light Rail system (no rail expansion).	2015 TIP Development	EXEMPT (40 CFR 93.126) - Rehabilitation or reconstruction of track structures, track, and trackbed in	2040
Sanita Clara	SCL050013	21722	Caltrans	US 101 / SR 87-Trimble Road Landscaping	San Jose: US 101 from 0.8 km south of the SR-87/US-101 separation to 0.4 km north of Trimble Rd; Landscape Mitigation.	2015 TIP Development - Retain this project in the TIP for informational purposes as the project is ongoing	EXEMPT (40 CFR 93.126) - Plantings, landscaping, etc	2030
Sanita Clara	SCL050039	240508	San Jose	Almaden Expressway Trail	San Jose: Near Almaden Expressway: Develop a surface trail connection to link Guadalupe Creek to nearby trails and the Almaden Light Rail Station	2015 TIP Development - Update project scope and funding plan	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
Sanita Clara	SCL050045	94610	VTA	VTA: ADA Bus Stop Improvements	VTA: Various Locations: Construct ADA bus stop improvements. Improvements include wheelchair access improvements and improved lighting and signage. [Transit Enhancement]	2015 TIP Development	EXEMPT (40 CFR 93.126) - Transportation enhancement activities (except rehabilitation and operation)	2040
Sanita Clara	SCL050046	94610	VTA	VTA: ADA Operating Set Aside	VTA: ADA operating assistance set aside.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Operating assistance to transit agencies	2040
Sanita Clara	SCL050049	94610	VTA	VTA: Rail Substation Rehab/Replacement	VTA: Guadalupe Light Rail Corridor; Rehabilitate electrical elements (such as disconnect switches, DC breakers, etc.) of traction power substations.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Construction or renovation of power, signal, and communications systems	2040
Sanita Clara	SCL050082	240508	San Jose	Bay Trail Reach 9 & 9B	In San Jose: Near Gold Street to the existing San Tomas Aquino Creek Trail; Design and construct 1.2 miles of commuter/transportation trail, pedestrian bridge, and underpasses with safety and	2015 TIP Development	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
Sanita Clara	SCL050083	240508	San Jose	Coyote Creek Trail	In San Jose: from Highway 237 to Story Road; Master plan entire system, design and construction of the trail.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040

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Santa Clara	SCL050091	230385	Palo Alto	Palo Alto - Citywide Traffic Signal upgrade	In Palo Alto: Replace the City's existing traffic signal central system and up to 35 traffic signal field controllers with associated communications gear.	2015 TIP Development - Update the funding plan	EXEMPT (40 CFR 93.126) - Traffic control devices and operating assistance other than signalization	2015
Santa Clara	SCL070050	240427	Saratoga	Highway 9 Safety Improvements	In Saratoga: Install pedestrian pathways on one side of Highway 9. (This project also references RTP ID 240746)	2015 TIP Development - Update the funding plan	EXEMPT (40 CFR 93.126) - Guardrails, median barriers, crash cushions	2020
Santa Clara	SCL090002	230210	Santa Clara Co	San Tomas Expressway Box Culvert Rehabilitation	In Santa Clara: Design, environmental clearance, and construction for rehabilitating the box culvert under San Tomas Expressway.	2015 TIP Development - Retain this project in the TIP for informational purposes	EXEMPT (40 CFR 93.126) - Widening narrow pavements or reconstructing bridges (no additional travel)	2015
Santa Clara	SCL090031	240744	MTA	Santa Clara Caltrain Station Bike/Ped Tunnel	In Santa Clara: extend a grade-separated pedestrian tunnel at the Santa Clara Caltrain station.	2015 TIP Development - Clarify project scope and update funding plan	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
Santa Clara	SCL090035	22425	MTA	Regional Planning Activities and PPM - Santa Clara	Santa Clara: Regional Planning Activities and Monitoring	2015 TIP Development	EXEMPT (40 CFR 93.126) - Planning activities conducted pursuant to titles 23 and 49 U.S.C	2040
Santa Clara	SCL090041	94610	MTA	MTA: Renewable Energy Conversion Project	In Mountain View: North Bus Operating Division: Convert to solar power. The photovoltaic system will offset 100 percent of the electricity use at this facility.	2015 TIP Development - Retain this project in the TIP for informational purposes as the project is ongoing	EXEMPT (40 CFR 93.126) - Construction or renovation of power, signal, and communications systems	2040
Santa Clara	SCL090043	94610	MTA	MTA: San Jose High Volume Bus Stop Upgrade	In San Jose: VTA bus stops: Expand and enhance existing and/or construct new bus stops at high-volume locations.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Construction of new bus or rail storage/maintenance facilities	2040
Santa Clara	SCL090044	94610	MTA	MTA: TP OCS Rehab & Replacement	VTA: Rehabilitate and replace overhead catenary system (OCS) and associated components	2015 TIP Development	EXEMPT (40 CFR 93.126) - Construction or renovation of power, signal, and communications systems	2040
Santa Clara	SCL110016	230550	San Jose	Innovative Bicycle Detection System	San Jose: Test technologies on San Fernando Street and William/Bollinger streets, identify "best" technology, implement on additional city bikeways.	2015 TIP Development - Retain this project in the TIP for informational purposes	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2030
Santa Clara	SCL110029	240508	San Jose	San Jose: Los Gatos Creek Reach 5 Underpass	In San Jose: Los Gatos Creek Trail between Auzerais Ave and Montgomery/Bird Ave. Construct Los Gatos Creek Trail (Reach 5b/c).	2015 TIP Development - Update the project scope	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
Santa Clara	SCL110032	240508	Gilroy	Gilroy New Rontan Channel and Lions Creek Trails	In City of Gilroy: On Rontan channel levee from Sixth St to Leavesley Rd and Lions Creek levee from Kern to Tapestry Dr. build bicycle pedestrian trails.	2015 TIP Development - Update the funding plan	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
Santa Clara	SCL110034	240508	San Jose	San Jose - San Carlos Multimodal Phase 2	In San Jose: Along the south side of San Carlos Street between Second Street and Market Street: pedestrian-oriented improvements.	2015 TIP Development - Retain this project in the TIP for informational purposes as the project is ongoing	EXEMPT (40 CFR 93.126) - Transportation enhancement activities (except rehabilitation and operation)	2040
Santa Clara	SCL110057	240747	San Jose	San Jose Walk N Roll - Safe Access	35 schools in San Jose: Encourage and promote pedestrian and bicycle safety along SRTS by installing low cost enhancements. Project is phased	2015 TIP Development - Retain this project in the TIP for informational purposes as it is ongoing	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
Santa Clara	SCL110099	94610	MTA	MTA: Light Rail Bridge and Structure - SG Repair	Various Locations: Light rail bridge and structure defect investigation and repair. Stabilization measures to address Hamilton structure settlement.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Rehabilitation or reconstruction of track structures, track, and trackbed in	2040
Santa Clara	SCL110100	94610	MTA	MTA: Kinkishanyo LRV Overhaul Program	VTA: Scheduled overhaul of Kinkishanyo Light Rail Vehicles.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Rehabilitation of transit vehicles	2040
Santa Clara	SCL110101	94610	MTA	MTA: LRV Body Shop Dust Separation Wall	At the Guadalupe Operations Division: Install a dust separation wall in the light rail vehicle body shop.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Purchase of office, shop, and operating equipment for existing facilities	2040
Santa Clara	SCL110102	94610	MTA	MTA: LRV Maintenance Shop Hoist	VTA: In the LRV Maintenance shop, add an in-floor light rail vehicle hoist. The hoist will supplement existing hoist for additional capacity.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Purchase of office, shop, and operating equipment for existing facilities	2040

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Sanita Clara	SCL110103	94610	VTA	VTA: Update Santa Teresa Interlock Signal House	VTA: Update Santa Teresa Interlock Signal House to facilitate train movements.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Construction or renovation of power, signal, and communications systems	2040
Sanita Clara	SCL110104	94610	VTA	VTA: Light Rail Track Crossovers and Switches	VTA: In the light rail system: Add light rail crossovers and switches to priority areas where crossovers are not currently available to enhance operational flexibility.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Rehabilitation or reconstruction of track structures, track, and trackbed in	2040
Sanita Clara	SCL110105	94610	VTA	VTA: LR Signal Assessment/ SCADA Replacement	VTA: On the Guadalupe Light Rail Operating Division; Light Rail Signal Assessment / SCADA System Replacement.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Construction or renovation of power, signal, and communications systems	2040
Sanita Clara	SCL110108	240748	Sanita Clara Co	Isabel Bridge Replacement (37C0089)	In Santa Clara County: Isabel Bridge (Bridge No. 37C0089) on San Antonio Valley Road, 8.3 miles east of Kincaid Rd: Replace existing one lane bridge with a two-lane bridge	2015 TIP Development	EXEMPT (40 CFR 93.126) - Projects that correct, improve, or eliminate a hazardous location or feature	2040
Sanita Clara	SCL110117	240508	San Jose	Park Avenue Multi-Modal Improvements	In San Jose: Improve pedestrian and bicycle facilities along Park Avenue between Hedding and Montgomery Streets.	2015 TIP Development - Update the funding plan	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
Sanita Clara	SCL110118	240508	San Jose	St. John Street Multi-Modal Improvements - Phase 1	In San Jose: Along St John Street between North Market Street and North Almaden Boulevard and along North Almaden Boulevard between West Julian Street and Carlyle Street: Improve bicycle and	2015 TIP Development - Update the funding plan	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
Sanita Clara	SCL110119	94610	VTA	VTA: Light Rail Transit Signal Priority Improvement	In Santa Clara County: Implement a real-time, reliable transit signal prioritization and light rail vehicle detection system.	2015 TIP Development - Retain this project in the TIP for informational purposes as it is ongoing	EXEMPT (40 CFR 93.126) - Traffic control devices and operating assistance other than signalization	2040
Sanita Clara	SCL110121	22423	Sanita Clara Co	East San Jose Pedestrian Improvements	East San Jose: Various Roads: Fill in sidewalk gaps and provide ADA enhancements within existing rights-of-way	2015 TIP Development	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
Sanita Clara	SCL110125	240744	MTC	Local PDA Planning - Santa Clara	Santa Clara County Various Agencies: Planning assistance pass through to local jurisdictions to support transportation investments and improve their performance in Priority Development Areas (PDAs).	2015 TIP Development - Updated project schedule	EXEMPT (40 CFR 93.126) - Planning and technical studies	2040
Sanita Clara	SCL110131	22481	Caltrain	South Terminal Wayside Power	In San Jose: At Diridon Station: Replace the existing power substation, replace the wayside power cabinets on existing platforms with new cabinets, install new power cabinets on the two new platforms.	2015 TIP Development - Retain for Informational Purposes as the project is ongoing	EXEMPT (40 CFR 93.126) - Construction or renovation of power, signal, and communications systems	2040
Sanita Clara	SCL130004	240509	San Jose	San Jose Citywide Bikeway Program	In San Jose: Various locations: Fill existing gaps in Class II and Class III bicycle facilities	2015 TIP Development - Update the project scope and funding plan	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
Sanita Clara	SCL130005	240740	San Jose	San Jose Citywide Pavement Management Program	San Jose: Various Streets and roads: rehabilitate roadways	2015 TIP Development	EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation	2040
Sanita Clara	SCL130006	240747	San Jose	San Jose Citywide SRTS Program	San Jose: Near various schools: Implement bike/ped improvements such as traffic control and guide signs, enhanced crosswalks and other improvements that encourage bicycling and walking to school.	2015 TIP Development	EXEMPT (40 CFR 93.127) - Intersection signalization projects at individual intersections	2040
Sanita Clara	SCL130007	21011	San Jose	Jackson Ave Bicycle and Pedestrian Improvements	In San Jose: Jackson Ave between McKee Rd and Alum Rock Ave: Construct pedestrian safety and transit access enhancements including two new traffic signals and the modification of one existing signal.	2015 TIP Development	EXEMPT (40 CFR 93.127) - Intersection signalization projects at individual intersections	2040
Sanita Clara	SCL130008	240747	San Jose	San Jose Walk N' Roll Phase II	San Jose: At up to 30 schools: Non-infrastructure Safe Routes to School project to encourage and promote mode shift to walking and biking.	2015 TIP Development - Retain this project in the TIP for informational purposes as it is ongoing	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
Sanita Clara	SCL130010	21011	San Jose	San Jose Pedestrian Oriented Traffic Signals	In San Jose: At various key intersections: implement traffic signal controlled crossings	2015 TIP Development	EXEMPT (40 CFR 93.127) - Intersection signalization projects at individual intersections	2040
Sanita Clara	SCL130011	21011	San Jose	St. Johns Bikeway and Pedestrian Improvements	San Jose: On St. John Street from North Montgomery Street to North First Street: Fill bikeway and sidewalk gaps and modify signals	2015 TIP Development - Update project description and funding plan	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040

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Santa Clara	SCL130012	21011	San Jose	The Alameda Grand Blvd. Phase 2	San Jose: On the Alameda between Newhall to Fremont: Provide pedestrian infrastructure improvements such as enhanced and new crosswalks, signal mods, enhanced center line median, curb ramps.	2015 TIP Development - Update the project description and update the funding plan	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
Santa Clara	SCL130013	240740	Los Altos Hills	El Monte Road Preservation	In Los Altos Hills: El Monte Rd from Stonebrook Dr. to Summerhill Ave and from O'Keef Ln to Stonebrook Dr.: Rehabilitate roadway	2015 TIP Development	EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation	2040
Santa Clara	SCL130014	240740	Los Gatos	Hillside Road Preservation	In the Hillside area of Los Gatos: Shannon Rd between Los Gatos Blvd and Hicks Rd: Rehabilitate pavement.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation	2040
Santa Clara	SCL130016	240509	San Jose	East San Jose Bikeways	East San Jose: Various locations: make improvements to the bikeway network including the installation of new bikeways, traffic calming features, public bike racks, bike-friendly signal detection and	2015 TIP Development - Update project description	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
Santa Clara	SCL130017	240747	Campbell	Virginia Avenue Sidewalks	In Campbell: On Virginia Avenue between Budd Avenue and Hacienda Avenue, add pedestrian sidewalks, curb, gutter, and curb ramps; signing and striping.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
Santa Clara	SCL130018	240740	Mountain View	Mountain View Various Rd Preservation & Bike lanes	In Mountain View: Various Locations: Rehabilitate Pavement and install bike lanes	2015 TIP Development	EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation	2040
Santa Clara	SCL130020	240509	VTA	Upper Penitencia Creek Multi-Use Trail	San Jose: Upper Penitencia Creek Trail from future Berryessa BART Station & planned Coyote Creek Trail system via San Jose Flea Market redevelopment site: Close gap in existing 5 mile trail, provide safe	2015 TIP Development - Update funding plan to reflect obligation of funds	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
Santa Clara	SCL130021	240747	Santa Clara Co	Santa Clara County Noninfrastructure SRTS Program	In Santa Clara County: Non-infrastructure Safe Routes to school (SRTS) education and encouragement services for schools; county-wide communication, outreach, & training for parents & providers	2015 TIP Development	EXEMPT (40 CFR 93.126) - Grants for training and research programs	2040
Santa Clara	SCL130022	240509	Santa Clara Co	San Tomas Aquino Spur Multi-Use Trail Phase 2	In Santa Clara: From El Camino Real/SR 82 to Homestead Road: Construct San Tomas Aquino Spur Trail Phase 2	2015 TIP Development - Updated funding plan to move CMAQ funds to FY 15	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
Santa Clara	SCL130023	240740	Los Altos	Los Altos Various Streets and Roads Preservation	In Los Altos: Springer Road from Foothill to El Monte and Grant Rd from Grant to Homestead: Resurface and rehabilitate pavement	2015 TIP Development - Update the funding plan	EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation	2040
Santa Clara	SCL130025	240740	Gilroy	Eigleberry Street Resurfacing	In Gilroy: On Eigleberry St between 1st and 10th: Rehabilitate roadway	2015 TIP Development	EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation	2040
Santa Clara	SCL130026	21011	Saratoga	Prospect Rd Complete Streets	Saratoga: Prospect Road between Saratoga/Sunnyvale Rd and Lawrence Expressway and on Saratoga Ave between Highway 85 to the City Limits to the north (Lawrence Expressway): Reduce roads width to	2015 TIP Development - Update funding plan	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
Santa Clara	SCL130027	240740	Saratoga	Saratoga Village Sidewalk Rehabilitation	In Saratoga: Along Big Basin Way between 6th street and Hwy 9: Rehabilitate sidewalk.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
Santa Clara	SCL130028	240509	Sunnyvale	Sunnyvale/Saratoga Road Bike/Ped Safety Enhancmts.	Sunnyvale: On Sunnyvale-Saratoga Road at Mahilda and at El Camino Real: Install pedestrian signal and modify intersection to eliminate free right turns and reduce crosswalk length.	2015 TIP Development	EXEMPT (40 CFR 93.127) - Intersection signalization projects at individual intersections	2040
Santa Clara	SCL130029	240744	Sunnyvale	Fair Oaks Avenue Bikeway and Streetscape	In Sunnyvale: Various Locations on Fair Oaks Avenue: Construct bike lanes and associated medians.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
Santa Clara	SCL130030	240744	Sunnyvale	Maude Avenue Bikeway and Streetscape	Sunnyvale: On Maude Avenue between Mahilda Avenue and Fair Oaks Avenue: Install medians, modify roadway geometry and stripe bike lanes.	2015 TIP Development	EXEMPT (40 CFR 93.127) - Intersection channelization projects	2040
Santa Clara	SCL130031	240509	Sunnyvale	Sunnyvale East and West Channel Multi-Use Trails	In Sunnyvale: Various locations on the Sunnyvale East Channel: construct multi-use paved trails. This project is phased.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
Santa Clara	SCL130032	240747	Sunnyvale	Sunnyvale SRTS Ped Infrastructure Improvements	In Sunnyvale: At 17 school sites: Install pedestrian enhancements for school route intersections	2015 TIP Development	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
Santa Clara	SCL130033	240740	Sunnyvale	Duane Avenue Roadway Preservation	In Sunnyvale: On Duane Ave between San Juan Avenue and Stewart Drive: Rehabilitate pavement, curb and gutter	2015 TIP Development.	EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation	2040

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County	TIP ID	RTP ID	Sponsor	Project	Project Description	Description of Change	Air Quality Description	Conformity Analysis Year*
Santa Clara	SCL130034	240747	Palo Alto	Arasiradero Road Schoolscap/Multiuse Trail	In Palo Alto: Along the south side of Arasiradero Road between the Hetch Hetchy Los Altos Parkway and Miranda Avenue; Reconstruct the sidewalk to a multi-use trail to support Safe Routes to School	2015 TIP Development	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
Santa Clara	SCL130035	240740	Milpitas	Milpitas Various Streets and Roads Preservation	In City of Milpitas: At various locations: repair failed AC pavement, resurface road, construct ADA curb ramps, repair sidewalks and curbs, and install signing and pavement striping	2015 TIP Development	EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation	2040
Santa Clara	SCL130036	230251	San Jose	San Jose Smart Intersections Program	In San Jose: At various locations along Tully Road and Saratoga Avenue: Upgrades traffic signal controls to include adaptive traffic control to minimize vehicle conflicts, vehicle queues and delays by	2015 TIP Development	EXEMPT (40 CFR 93.128) - Traffic signal synchronization projects	2030
Santa Clara	SCL130037	230242	Santa Clara Co	Capitol Expressway ITS and Bike/Ped Improvements	In San Jose: Capitol Expressway: Upgrade traffic signals and ITS infrastructure and install pedestrian sensors and bike detection at all intersections to allow traffic responsive and adaptive signal timing and	2015 TIP Development - Update the Regional Air Quality Code to Exempt 93.128 - Traffic control devices and operating assistance other than signalization projects	EXEMPT (40 CFR 93.126) - Traffic control devices and operating assistance other than signalization	2020
Santa Clara	SCL130040	240509	VTA	Montague Expy Ped Bridge at Milpitas BART Study	In Milpitas: Final Engineering and Environmental Clearance of a pedestrian bridge over Montague Expressway. PE only	2015 TIP Development - Retain this project in the TIP for informational purposes as it is ongoing	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
Santa Clara	SCL130041	240509	Palo Alto	Adobe Creek/Highway 101 Bicycle Pedestrian Bridge	Palo Alto: Where US 101 crosses Adobe Creek: Construct Bike/Ped Bridge. Project is phased	2015 TIP Development - Update the funding plan	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
Santa Clara	SCL130042	240740	Palo Alto	Palo Alto Various Street Resurfacing & Streetscape	Palo Alto: Various Locations: resurface roadways.	2015 TIP Development - Update the expanded description	EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation	2040
Santa Clara	SCL130043	240740	Morgan Hill	Monterey Road Preservation	In Morgan Hill: On Monterey Road between East Dunne Avenue and East Middle Avenue; resurface roadway.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation	2040
Santa Clara	SCL130044	240745	VTA	I-880 Stevens Creek Landscaping	In San Jose, at the I-880/Stevens Creek interchange provide landscaping.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Plantings, landscaping, etc	2040
Santa Clara	SCL150001	21754	VTA	I-680 Soundwalls - Capitol Expwy to Mueller Ave	San Jose: on I-680 corridor between Capitol Expressway and Mueller Avenue: Construct soundwalls	2015 TIP Development - Amend a new exempt project into the TIP	EXEMPT (40 CFR 93.126) - Noise attenuation	2040
Santa Clara	SCL150002	240508	San Jose	Coyote Creek Trail Reach 5.3 (Brokaw to UPRR)	San Jose: Along Coyote Creek between Brokaw and UPRR: Construct 1500' paved trail, with gateways, underpass beneath UPRR, mitigation landscaping and miscellaneous improvements	2015 TIP Development - Amend a new exempt project into the TIP	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
Santa Clara	SCL990046	94610	VTA	VTA: Preventive Maintenance	VTA: Preventive Maintenance of agency's fleet.	2015 TIP Development - Retain this project in the TIP for informational purposes as it is ongoing	EXEMPT (40 CFR 93.126) - Rehabilitation of transit vehicles	2040
Solano	SOL010006	21017	F-S Transit	Fairfield-Suisun Transit: Operating Assistance	Fairfield-Suisun Transit: Operating Assistance to support transit operations.	2015 TIP Development - Retain this project in the TIP for informational purposes as it is ongoing	EXEMPT (40 CFR 93.126) - Operating assistance to transit agencies	2040
Solano	SOL010007	21017	Vacaville	Vacaville Transit: Operating Assistance	Vacaville Transit: Operating Assistance	2015 TIP Development	EXEMPT (40 CFR 93.126) - Operating assistance to transit agencies	2040
Solano	SOL030015	240500	FHWA	San Pablo Bay Entrance Rehabilitation	Solano County: San Pablo Bay: Rehabilitate entrance road 0.6 miles.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation	2040
Solano	SOL050003	240594	Caltrans	I-80/I-680 Aux Lanes Improvement Landscaping	Fairfield: I-80/I-680 Connector improvements and auxiliary lanes landscaping.	2015 TIP Development - Retain this project in the TIP for informational purposes as it is ongoing	EXEMPT (40 CFR 93.126) - Plantings, landscaping, etc	2040
Solano	SOL070012	240600	Solano County	Cordelia Hills Sky Valley	Cordelia Hill: Transportation enhancements including upgrade of pedestrian and bicycle corridors including open space acquisition along Cordelia Hill Sky Valley and McGary Road. Project is predominantly	2015 TIP Development	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
Solano	SOL070021	240720	Solano County	Travis AFB: South Gate Improvement Project	Fairfield: Petersen Road by Travis Air Force Base; Between Wallers Road to Travis AFB. Widen roadway to standard lane width, including shoulder and other safety improvements (truck stacking). No new	2015 TIP Development	EXEMPT (40 CFR 93.126) - Widening narrow pavements or reconstructing bridges (no additional travel	2040
Solano	SOL070032	94683	SoTrans	SoTrans: Preventive Maintenance	SoTrans: Preventive maintenance of vehicles and equipment necessary for the maintenance of federally funded assets.	2015 TIP Development - Update the funding plan	EXEMPT (40 CFR 93.126) - Rehabilitation of transit vehicles	2040

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County	TIP ID	RTP ID	Sponsor	Project	Project Description	Description of Change	Air Quality Description	Conformity Analysis Year*
Solano	SOL090006	22425	MTC	Regional Planning Activities and PPM - Solano	Solano: Regional Planning Activities and Planning, Programming and Monitoring (PPM)	2015 TIP Development	EXEMPT (40 CFR 93.126) - Planning and technical studies	2040
Solano	SOL090015	240596	Solano County	Redwood-Fairgrounds Dr Interchange Imps (Study)	Near Vallejo: Btw SR 37 & Carquinez Bridge; Conduct study to determine the feasibility of constructing expanded I-80 Redwood St/Fairgrounds Dr. Interchange and parkway improvements. PSE, PE and Env.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Planning activities conducted pursuant to titles 23 and 49 U.S.C	2040
Solano	SOL090028	94683	SoTrans	SoTrans: AVL Technology	SoTrans: Upgrade communication devices, such as AVL, GPS and other.	2015 TIP Development - Retain this project in the TIP for informational purposes as it is ongoing	EXEMPT (40 CFR 93.126) - Purchase of operating equipment for vehicles (e.g., radios, fareboxes, lifts).	2040
Solano	SOL090033	94683	SoTrans	SoTrans: Bus Maintenance Facility Renovation	SoTrans: Bus Maintenance Facility Renovation	2015 TIP Development	EXEMPT (40 CFR 93.126) - Reconstruction or renovation of transit buildings and structures (e.g., rail	2040
Solano	SOL090034	94683	SoTrans	Bus Replacement (Alternative Fuel)	SoTrans: Replace (4) 45" MCI commuter coaches as they reach their useful life.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Purchase of new buses and rail cars to replace existing vehicles or for	2040
Solano	SOL090035	98212	Solano County	Vacaville-Dixon Bicycle Route (Phase 5)	Vacaville and Dixon: On both sides of Hawkins Road from Leisure Town Road (western terminus) to Pitt School Road (eastern terminus); Class 2 bicycle lanes. Phase 1 from Pitt School to Fox Rd. Remaining	2015 TIP Development	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
Solano	SOL110008	22985	Benicia	Benicia Industrial Park Bus Hub Project	In Benicia: Plan and construct a bus hub station in the Benicia Industrial Park for the I-680 corridor and northern Benicia for transit service across the Benicia-Martinez Bridge into Contra Costa County and	2015 TIP Development	EXEMPT (40 CFR 93.127) - Bus terminals and transfer points	2020
Solano	SOL110012	98212	Suisun City	Grizzly Island Trail - Phase 1	In Suisun City: On State Route (SR) 12 between Grizzly Island Road and Marina Boulevard; Design and construct a Class I Path, then south along Marina Boulevard to Driftwood Drive.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
Solano	SOL110019	240605	STA	Solano Safe Routes to School Program	In Solano County, Countywide: Implement Countywide Solano Safe Routes to School Program, including Planning, Education, and Encouragement events and materials.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Transportation enhancement activities (except rehabilitation and operation	2040
Solano	SOL110020	240602	STA	Eastern Solano / SNCI Rideshare Program	Eastern Solano Air Basin (Sacramento Valley Air Basin - Solano/Napa Commuter Info): Encourage ridesharing activities within the Eastern Solano County Region.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Continuation of ride-sharing and van-pooling promotion activities at operation	2040
Solano	SOL110025	94683	SoTrans	SoTrans: ADA Paratransit Operating Subsidy	SoTrans: ADA Paratransit Operating Subsidy	2015 TIP Development - Retain this project in the TIP for informational purposes as it is ongoing	EXEMPT (40 CFR 93.126) - Operating assistance to transit agencies	2040
Solano	SOL110033	94683	SoTrans	SoTrans: Capital Maintenance - Fuel	SoTrans: Fuel allowance project through the FTA "Fuel as Capital Maintenance" program	2015 TIP Development	EXEMPT (40 CFR 93.126) - Operating assistance to transit agencies	2040
Solano	SOL110034	22423	Vacaville	Vacaville Transit - Curb Ramps	Vacaville Transit: Construct approximately 16 curb ramps near transit routes.	2013 TIP Development	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
Solano	SOL110035	240600	Vallejo	Vallejo Downtown Streetscape	Vallejo: Various streets in the downtown area. Pedestrian enhancements including traffic calming, restriping, parking, signs, brick pavers, street furniture and art. Project is phased	2015 TIP Development - Update the funding plan	EXEMPT (40 CFR 93.126) - Transportation enhancement activities (except rehabilitation and operation	2040
Solano	SOL110036	240600	Solano County	Roadway Preservation in Solano County	Solano County: Various streets: Pavement resurfacing and/or rehabilitation including: Overlay, widen pavement surface with no added capacity, stripe and add signs. Project is phased	2015 TIP Development	EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation	2040
Solano	SOL110038	94683	SoTrans	SoTrans: Technology Enhancements	SoTrans: System-wide technology enhancements to be used for farebox upgrades, video security cameras, communications system, and IT equipment.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Purchase of operating equipment for vehicles (e.g., radios, fareboxes, lifts).	2040
Solano	SOL110039	21011	STA	Local PDA Planning - Solano	Solano County Various Agencies: Planning assistance pass through to local jurisdictions to support transportation investments and improve their performance in Priority Development Areas (PDAs) and	2015 TIP Development	EXEMPT (40 CFR 93.126) - Planning and technical studies	2040

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Solano	SOL110040	94683	SolTrans	SolTrans: Operating Assistance	Solano County Transit: Operating Assistance	2015 TIP Development	EXEMPT (40 CFR 93.126) - Operating assistance to transit agencies	2040
Solano	SOL110041	21017	F-S Transit	Fairfield Transit: 1 Gillig Bus Replacement	Fairfield-Suisun Transit: Replace a 1996 Gillig bus with a new 40' transit hybrid bus	2015 TIP Development	EXEMPT (40 CFR 93.126) - Purchase of new buses and rail cars to replace existing vehicles or for	2040
Solano	SOL110042	21017	Vacaville	Vacaville Transit: Procure 3 Fixed Route Buses	Vacaville Transit: Procure three (3) additional 35 foot, low-floor, Compressed Natural Gas (CNG) buses.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Purchase of new buses and rail cars to replace existing vehicles or for	2040
Solano	SOL110043	230693	Vacaville	Vacaville Various Street and Roads Preservation	In Vacaville: Various Roads: Pavement Preservation	2015 TIP Development	EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation	2040
Solano	SOL130002	240600	Fairfield	Beck Avenue Preservation	In Fairfield: On Beck Avenue between State Highway 12 and W. Texas Street: Rehabilitate roadway including striping for class 3 bike path.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation	2040
Solano	SOL130003	240575	Suisun City	Suisun-Fairfield Intercity Rail Station Access Imp	In Suisun City: On Main Street at Suisun-Fairfield Train Depot: Make bike/ped upgrades and enhancements to building and surrounding site.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
Solano	SOL130004	240600	Suisun City	Walters Road-Pintail Drive Preservation	In Suisun City: On Walters Road between Petersen Road and Bella Vista and Pintail Drive between Walters Road and Blackspur Drive: rehabilitate roadway.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation	2040
Solano	SOL130005	240556	Vacaville	Allison Bicycle / Ped Improvements	Vacaville: On Allison Drive from Nut Tree Parkway to Ujatis Creek: Install bike/ped infrastructure and a marquee sign	2015 TIP Development	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
Solano	SOL130006	240556	Vacaville	Ujatis Creek Bike/Ped Path & Scope McClellan-Depot	Vacaville: Along Ujatis Creek between the end of the Vacaville Downtown Creekwalk at McClellan Street to Depot Street: Construct a Class 1 off-street bike/pedestrian path	2015 TIP Development	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
Solano	SOL130007	240731	Solano County	Suisun Valley Bicycle and Pedestrian Imps	Solano County: At Mankas Corner: Construct staging area with bicycle and pedestrian improvements; At Various Locations in Solano County: Add a Class II bike lane to enhance bike access to areas	2015 TIP Development - Update the funding plan	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
Solano	SOL130008	240600	Benicia	Benicia - East 2nd Street Preservation	In Benicia: East 2nd Street: Between Lake Herman and Military: Patch and resurface roadway	2015 TIP Development	EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation	2040
Solano	SOL130009	240605	Benicia	Benicia Safe Routes to Schools Infrastructure Imps	Benicia: In the vicinity to Robert Semple School, at the parking lot adjacent to Matthew Turner School, and on Southampton Road in front of Benicia Middle School: Construct sidewalks	2015 TIP Development	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
Solano	SOL130010	240608	STA	Solano Transit Ambassador Program	In Solano County: System-wide: Travel training for people to use fixed-route public transportation, with focus on seniors and people with disabilities.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Grants for training and research programs	2040
Solano	SOL130011	240731	STA	Local PCA Planning - Solano	Solano County Various Agencies: Planning assistance pass through to local jurisdictions to support transportation investments and improve their performance in Priority Conservation Areas (PCAs)	2015 TIP Development	EXEMPT (40 CFR 93.126) - Planning activities conducted pursuant to titles 23 and 49 U.S.C	2040
Solano	SOL130012	240556	Dixon	Dixon SR2S Infrastructure Improvements	Dixon: Various locations along safe routes to schools: Implement pedestrian and bicycle improvements	2015 TIP Development	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
Solano	SOL130013	240600	Dixon	West A Street Preservation	Dixon: On West A Street from Pitt School Rd to I-80: Rehabilitate the roadway, and remove and replace concrete curb, gutter and sidewalk	2015 TIP Development	EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation	2040
Solano	SOL130014	240556	Rio Vista	SR 12 crossing with updated lighting	In Rio Vista: At SR12 crossing: Install new updated lighted crosswalk	2015 TIP Development	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
Solano	SOL130015	240605	Vallejo	Vallejo SRTS Infrastructure Improvements	In Vallejo: In the vicinity of Wardlaw and Cooper Elementary Schools: Implement safety improvements including striping and signage improvements	2015 TIP Development - Updated funding plan	EXEMPT (40 CFR 93.127) - Intersection channelization projects	2040
Solano	SOL130016	240605	Vacaville	Vacaville SRTS Infrastructure Improvements	In Vacaville: In the vicinity of Vacaville High and Foxboro Elementary: Construct capital improvements including sidewalk, curb ramps and extensions, crosswalks, bike network improvements and signage	2015 TIP Development	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040

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Solano	SOL130017	240601	Vacaville	Transit Marketing and Public Outreach	Vacaville: Citywide: Marketing and public outreach of City Coach transit benefits	2015 TIP Development - Update the funding plan	EXEMPT (40 CFR 93.126) - Grants for training and research programs	2040
Solano	SOL130018	21017	Vacaville	Procure 3 Low Floor Paratransit Buses	City of Vacaville: Procure three (3) new low-floor paratransit buses for use throughout the city	2015 TIP Development	EXEMPT (40 CFR 93.126) - Purchase of new buses and rail cars to replace existing vehicles or for	2040
Solano	SOL130019	94683	SolTrans	Bus Replacement (Local)	SolTrans: Replace four 40' diesel buses which have reached the end of their useful service life with four 40' diesel electric hybrid buses	2015 TIP Development - Update the funding plan	EXEMPT (40 CFR 93.126) - Purchase of new buses and rail cars to replace existing vehicles or for	2040
Solano	SOL130020	240605	Suisun City	Driftwood Drive Path	Suisun City: Along the south side of Driftwood Drive from Marina Boulevard to Josiah Circle: Construct a Class I bicycle/pedestrian trail	2015 TIP Development	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
Solano	SOL950024	21017	Vacaville	Bus maintenance facility upgrades	Vacaville: Bus maintenance & facility upgrades.	Archive this project as it has been completed	EXEMPT (40 CFR 93.126) - Reconstruction or renovation of transit buildings and structures	2040
Solano	SOL97AM70	21017	Vacaville	Purchase bus shelters	Vacaville: Purchase bus shelters	2015 TIP Development	EXEMPT (40 CFR 93.126) - Construction of small passenger shelters and information kiosks	2040
Solano	SOL991032	22629	WETA	North Bay Operations and Maintenance Facility	Vallejo: Mare Island Naval Shipyard at Building 165; Construct new maintenance facility for Vallejo Baylink ferry service.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Construction of new bus or rail storage/maintenance facilities	2015
Solano	SOL991099	21017	Vacaville	Purchase Transit Equipment - Fareboxes and Tools	Vacaville: Operating assistance to insure all equipment including electronic fare boxes, and tools are maintained in a safe & efficient manner. Equipment includes, wrenches, power tools, and all mechanic	2015 TIP Development	EXEMPT (40 CFR 93.126) - Purchase of office, shop, and operating equipment for existing facilities	2040
Sonoma	SON030005	21017	Son Co Transit	Preventive Maintenance Program	Sonoma County Transit: Preventive maintenance program for agency fleet	2015 TIP Development	EXEMPT (40 CFR 93.126) - Rehabilitation of transit vehicles	2040
Sonoma	SON030012	21017	Santa Rosa Bus	City Bus: Transit Enhancements	Santa Rosa: Various Locations: Upgrade and improve transit facilities including amenities, accessibility, ADA compliance, pedestrian and bicycle access	2015 TIP Development	EXEMPT (40 CFR 93.126) - Construction of small passenger shelters and information kiosks	2040
Sonoma	SON050001	22490	Sonoma County	Replace Laughlin Bridge over Mark West Crk 20C0246	Mark West Creek Bridge: Laughlin Rd/Brickway Blvd Extension; Construct new 2 lane bridge.	2015 TIP Development - Update the regional air quality conformity code	EXEMPT (40 CFR 93.126) - Projects that correct, improve, or eliminate a hazardous location or feature	2020
Sonoma	SON050017	240651	Healdsburg	Healdsburg Foss Creek Bicycle/Ped Pathway	Healdsburg: Foss Creek Pathway from North side of West Grant St. to Grove St; Construct 3,160 ft long Class 1 bicycle and pedestrian facility.	2015 TIP Development - Clarify project description and retain this project in the TIP for informational purposes as it is ongoing	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
Sonoma	SON050021	21017	Sonoma County Transit	Bus Stop Improvement	Sonoma County Transit: Throughout the service area: Acquire and install new bus stop shelters plus other improvements to bus stops	2015 TIP Development	EXEMPT (40 CFR 93.126) - Construction of small passenger shelters and information kiosks	2040
Sonoma	SON070008	240651	Sonoma County Park	Bodega Bay Trail Segments 1B and 1C	Bodega Bay: Segments 1B and 1C parallel to Highway 1 from Salmon Creek Village to the southwest boundary; Construct bicycle and Pedestrian Trail (TLC Project).	2015 TIP Development	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
Sonoma	SON070012	21017	Santa Rosa Bus	Downtown Transit Mall Connectivity Improvements	Santa Rosa: Downtown Transit Mall; Various improvements including NextBus LED signage, maps, real-time transit information, kiosks, concessions, improved lighting, benches and public art, and ADA	2015 TIP Development	EXEMPT (40 CFR 93.126) - Transportation enhancement activities (except rehabilitation and operation	2040
Sonoma	SON070013	22006	NBFS	Ferry Service to Port Sonoma	SW Sonoma County: Construct multi-modal transit facility linking Ferry service to passenger rail, bus service, and auto traffic (Env. Phase Only).	2015 TIP Development	EXEMPT (40 CFR 93.126) - Planning and technical studies	2015
Sonoma	SON070020	21017	Santa Rosa Bus	Hybrid Electric Bus Purchase (Replacement)	Santa Rosa CityBus: Purchase about 5 Hybrid Electric Replacement Buses to replace fixed route buses.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Rehabilitation of transit vehicles	2040
Sonoma	SON070024	21017	Sonoma County Transit	Sonoma County Transit: Replacement Bus Purchase	Sonoma County Transit: Replace three 40' Orion V CNG transit coaches with three 40' CNG Low-Floor transit coaches.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Purchase of new buses and rail cars to replace existing vehicles or for	2040

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Sonoma	SON070026	22490	Caltrans	Rehab King Ridge Bridge over Austin Crk 20C0433	In Sonoma County: On King Ridge Road, 2.3mi North of Fort Ross Road; rehabilitate one-lane bridge to 2 lanes and scour countermeasure	2015 TIP Development - Update funding plan	EXEMPT (40 CFR 93.126) - Projects that correct, improve, or eliminate a hazardous location or feature	2020
Sonoma	SON090001	22490	Sonoma County	Replace Geysers Bridge over Sulpher Crk 20C0005	In Sonoma County: Bridge replacement: single lane bridges in Sonoma County with two lane bridge (Geysers Road Bridge 20C0005)	2015 TIP Development	EXEMPT (40 CFR 93.126) - Projects that correct, improve, or eliminate a hazardous location or feature	2020
Sonoma	SON090007	21017	Santa Rosa Bus	Automated Vehicle Location System	Santa Rosa CityBus: Procure comprehensive Automated Vehicle Location System (AVL) for agency fleet.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Purchase of operating equipment for vehicles (e.g., radios, fareboxes, lifts, feature	2040
Sonoma	SON090008	22425	MTA	Regional Planning Activities and PPM - Sonoma	Sonoma: Regional Planning Activities and Planning, Programming and Monitoring (PPM)	2015 TIP Development	EXEMPT (40 CFR 93.126) - Planning and technical studies	2040
Sonoma	SON090009	21017	Petaluma	Petaluma Transit: Preventive Maintenance	Petaluma: Petaluma Transit: Preventive Maintenance	2015 TIP Development	EXEMPT (40 CFR 93.126) - Rehabilitation of transit vehicles	2040
Sonoma	SON090023	21017	Santa Rosa Bus	Santa Rosa CityBus: Operating Assistance	Santa Rosa CityBus: Operating Assistance to Transit Agency.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Operating assistance to transit agencies	2040
Sonoma	SON090024	21017	Santa Rosa Bus	Santa Rosa CityBus: Preventative Maintenance	Santa Rosa CityBus: Preventative Maintenance program for agency fleet.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Rehabilitation of transit vehicles	2040
Sonoma	SON090025	22490	Sonoma County	Replace Chalk Hill Bridge over Maacama Crk 20C0242	In Sonoma County - Replace existing bridge no. 20C0242, on Chalk Hill Rd, Over Maacama Creek, 1 Mi S of HWY (spandrel arch bridge with approach spans with new bridge)	2015 TIP Development	EXEMPT (40 CFR 93.126) - Projects that correct, improve, or eliminate a hazardous location or feature	2020
Sonoma	SON090026	22490	Sonoma County	Replace Lambert Bridge over Dry Creek 20C0248	HBP: In Sonoma: Replace existing through truss bridge (Bridge No. 20C0248, Lambert Bridge Road, Over Dry Creek 0.4 Mi W of Dry Creek Rd.), that is in poor condition and has seismic deficiencies with	2015 TIP Development - Update the 2015 funding plan	EXEMPT (40 CFR 93.126) - Projects that correct, improve, or eliminate a hazardous location or feature	2020
Sonoma	SON090027	22490	Sonoma County	Replace West Dry Creek Bridge over Pena Crk 20C0407	In Sonoma: Replace existing four span T-beam concrete bridge (Bridge No. 20C0407, West Dry Creek Rd, Over Pena Creek, 0.7 Mi NW Yoakim Br Rd.) that is one-lane, seismically deficient and in poor	2015 TIP Development - Update the 2015 funding plan	EXEMPT (40 CFR 93.126) - Projects that correct, improve, or eliminate a hazardous location or feature	2020
Sonoma	SON090029	21017	Petaluma	Petaluma Paratransit: Replace 2 Vans	In Petaluma: Purchase (2) replacement paratransit vans for Petaluma Paratransit.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Rehabilitation of transit vehicles	2040
Sonoma	SON090030	21017	Petaluma	Petaluma Transit: AVL System	In Petaluma: Purchase and install Automatic Vehicle Location (AVL) System on all vehicles in Petaluma Transit fixed route fleet.	2015 TIP Development - Update the project scope	EXEMPT (40 CFR 93.126) - Purchase of operating equipment for vehicles (e.g., radios, fareboxes, lifts, feature	2040
Sonoma	SON090032	240651	Rohnert Park	Copeland Creek Bike Path Reconstruction	In Rohnert Park: Along Copeland Creek; reconstruct 3915 LF of existing deteriorated Class I bike/ped path and replace 740 LF concrete sidewalk with new asphalt path. Replace non-native vegetation with	2015 TIP Development	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
Sonoma	SON110003	21017	Son Co Transit	Sonoma County Transit: Bus Yard Rehab.	Sonoma County Transit: Rehabilitate bus yard and parking areas to a state of good repair.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation	2040
Sonoma	SON110004	21017	Petaluma	Petaluma Transit Maintenance Facility Rehab: Ph 1	Petaluma: Transit Maintenance Facility: Increase the clearance height and length of the southern bay of the existing facility to accommodate maintenance operations for the larger buses. Additional safety	2015 TIP Development	EXEMPT (40 CFR 93.126) - Reconstruction or renovation of transit buildings and structures (e.g., rail	2040
Sonoma	SON110007	230700	Colati	Downtown Specific Plan Area Revitalization	In Colati: On Old Redwood Highway between La Plaza and Gravenstein Highway; Pedestrian, bicycle enhancements and corridor beautification.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Transportation enhancement activities (except rehabilitation and operation	2040
Sonoma	SON110013	240651	Son Co Reg Park	SMART Trail-Hearn Avenue to Joe Rodota Trail	Sonoma County: From Hearn Avenue to the Joe Rodota Trail: Construct a 1.3 mile Class I bike path including a bicycle/pedestrian bridge at Colgan Creek, asphalt paved surface, grading, drainage, striping	2015 TIP Development	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040

* Projects with conformity analysis years 2040 reference programmatic projects or projects with a completion date after 2030 in Plan Bay Area

List of 2015 TIP Projects by County

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County	TIP ID	RTP ID	Sponsor	Project	Project Description	Description of Change	Air Quality Description	Conformity Analysis Year*
Sonoma	SON110016	240709	Sonoma County	Countywide Safe Routes to Schools Program	Sonoma County: Countywide: Comprehensive safe routes to schools program to shift mode away from single family vehicular trips to bicycle/pedestrian/carpooling.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Planning activities conducted pursuant to titles 23 and 49 U.S.C	2030
Sonoma	SON110017	240651	Santa Rosa	SMART Bicycle and Pedestrian Path	Santa Rosa: Within or adjacent to the SMART railroad ROW from College Ave to 8th St. Construct a Class I bike path	2015 TIP Development	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
Sonoma	SON110018	240651	Santa Rosa	Chanate Rd Pedestrian and Transit Improvements	In Santa Rosa: Chanate Road from Parker Hill to east of Glen Echo Drive: pedestrian pathway: Various Locations: upgrade ADA pedestrian ramps and install bus shelters and benches	2015 TIP Development	EXEMPT (40 CFR 93.126) - Transportation enhancement activities (except rehabilitation and operation	2040
Sonoma	SON110024	22490	Sonoma County	Replace Bohan Dillon Bridge over Gualala 20C0435	In Sonoma: Bridge No.20C0435, Bohan Dillon Road over South Fork Gualala River, 0.1 Mi N Fort Ross Road. Replace existing one-lane bridge with a new two-lane bridge	2015 TIP Development	EXEMPT (40 CFR 93.126) - Projects that correct, improve, or eliminate a hazardous location or feature	2020
Sonoma	SON110025	22490	Sonoma County	Replace Hauser Bridge over Gualala River 20C0240	In Sonoma: Bridge No.20C0240, Hauser Road Bridge over South Fork Gualala River, 5 Mi east of Seaview Road. Replace existing one-lane bridge with a new two-lane bridge	2015 TIP Development	EXEMPT (40 CFR 93.126) - Projects that correct, improve, or eliminate a hazardous location or feature	2020
Sonoma	SON110026	22490	Sonoma County	Replace Freestone Flat Bridge over Salmon 20C0440	In Sonoma: Bridge No.20C0440, Freestone Flat Road Bridge over Salmon Creek, 0.2 Mi E. Bohemian Way. Replace existing one-lane bridge with a new two-lane bridge	2015 TIP Development	EXEMPT (40 CFR 93.126) - Projects that correct, improve, or eliminate a hazardous location or feature	2020
Sonoma	SON110028	230700	Sonoma County	2011/12 Asphalt Overlay Program	In Sonoma County: Various County roads: Repair and overlay Calistoga Road, Main Street in Petrolia, Fulton Road and Lakewood Highway.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation	2040
Sonoma	SON110032	21017	Petaluma	Petaluma Transit - Communications Equipment	In Petaluma: at dispatch and/or on board fixed route and paratransit vehicles: deploy advanced communications systems	2015 TIP Development - Retain this project in the TIP for informational purposes as it is ongoing	EXEMPT (40 CFR 93.126) - Purchase of office, shop, and operating equipment for existing facilities	2040
Sonoma	SON110033	21017	Petaluma	Petaluma Transit Maintenance Facility Rehab: Ph 2	City of Petaluma: Rehabilitation of the maintenance facility (Phase II).	2015 TIP Development	EXEMPT (40 CFR 93.126) - Reconstruction or renovation of transit buildings and structures (e.g., rail	2040
Sonoma	SON110034	230550	MTC	Stewarts Point Rancheria EV Pilot Program	Sonoma County: At 6 locations where the tribal community frequents: install 6 EV charging stations; purchase 4 electric vehicles (project will be managed by the Kashia Band of Pomo Indians)	2015 TIP Development	EXEMPT (40 CFR 93.126) - Construction or renovation of power, signal, and communications systems	2030
Sonoma	SON110044	240651	Windsor	ORH at Lakewood Dr. Bike and Ped Facilities	Windsor: Along Old Redwood Highway near the US 101 Central Windsor Interchange: construct a series of interrelated pedestrian, bicycle, roadway, intersection, and aesthetic improvements	2015 TIP Development - Update the funding plan and expanded project description	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
Sonoma	SON110045	21017	Santa Rosa Bus	SR City Bus - Capital Maintenance - Fuel	Santa Rosa City Bus: purchase fuel as part of FTA's "Fuel as Capital Maintenance" program	2015 TIP Development	EXEMPT (40 CFR 93.126) - Operating assistance to transit agencies	2040
Sonoma	SON110047	21017	Santa Rosa Bus	Santa Rosa City Bus: Fast-fill CNG Fueling Station	Santa Rosa: Maintenance Service Center corporation yard: reconstruction of existing maintenance facility to include CNG fast-fill fueling station	2015 TIP Development	EXEMPT (40 CFR 93.126) - Reconstruction or renovation of transit buildings and structures (e.g., rail	2040
Sonoma	SON110049	21017	Son Co Transit	Sonoma County Transit: Replacement Bus Purchase	Sonoma County Transit: Replace two 40' Orion V CNG transit coaches with two 40' CNG Low-Floor transit coaches.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Purchase of new buses and rail cars to replace existing vehicles or for	2040
Sonoma	SON110050	22423	Son Co Reg Park	Central Sonoma Valley Trail	In the unincorporated area of Sonoma County, construct 0.42 miles of a Class I bike trail. 1) Larson Park to Flowery Elementary School and 2) along Verano Avenue from Sonoma Creek to Main Street.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
Sonoma	SON110051	21017	Petaluma	Petaluma: Replace 2 Paratransit Cutaways FY13	In Petaluma: Replace two (2) paratransit vans for Petaluma Paratransit.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Purchase of new buses and rail cars to replace existing vehicles or for	2040

* Projects with conformity analysis years 2040 reference programmatic projects or projects with a completion date after 2030 in Plan Bay Area

County	TIP ID	RTP ID	Sponsor	Project	Project Description	Description of Change	Air Quality Description	Conformity Analysis Year*
Sonoma	SON110052	21017	Petaluma	Petaluma: Replace 2 Paratransit Cutaways FY14	In Petaluma: Replace two (2) paratransit vans for Petaluma Paratransit	2015 TIP Development - Retain this project in the TIP for informational purposes as it is ongoing	EXEMPT (40 CFR 93.126) - Purchase of new buses and rail cars to replace existing vehicles or for	2040
Sonoma	SON110054	22423	Healdsburg	Healdsburg Pedestrian Safety and Access Improvements	In Healdsburg: Install pedestrian safety crossing improvements adjacent to high school on Powell Ave. Install ADA improvements connecting high school and junior high school to library (Powell Ave, Prince	2015 TIP Development - Updated funding plan to move CON funds to FY15	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
Sonoma	SON130001	230550	Sonoma County	Sonoma County Urban Footprint Planning	Sonoma County: Countywide: Develop an integrated approach to analyzing land use scenarios in Sonoma County, and provide a tool to better value the benefits of conservation with a focus on GHG and	2015 TIP Development	EXEMPT (40 CFR 93.126) - Engineering to assess social, economic, and environmental effects of the	2030
Sonoma	SON130002	230700	Petaluma	Petaluma Complete Streets	In Petaluma: On Lakeville St from E. Washington St to Caulfield Ln and on East D St from the D St Bridge to Lakeville St: Rehabilitate the roadway, including striping for Class 2 Bike Lanes and adding ADA	2015 TIP Development - Update the funding plan	EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation	2040
Sonoma	SON130003	240651	Windsor	Jaguar Way/Windsor Road Bicycle /Ped Improvements	In Windsor: Around the intersection of Jaguar Way and Windsor Road, the entrance to Windsor High School: Install a traffic signal and construct approximately 800 feet of Class II bicycle lanes and sidewalk.	2015 TIP Development	EXEMPT (40 CFR 93.127) - Intersection signalization projects at individual intersections	2040
Sonoma	SON130004	230700	Sebastopol	Sebastopol Various Streets and Roads Preservation	Sebastopol: Keating Avenue, portions of Florence Avenue and North Main Street: Rehabilitate pavement	2015 TIP Development	EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation	2040
Sonoma	SON130005	230700	Healdsburg	Healdsburg Various Streets & Roads Rehabilitation	Healdsburg: Various locations: Rehabilitate existing pavement surfaces with application of asphalt rubber chip seal and microsurfacing.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation	2040
Sonoma	SON130006	240651	Santa Rosa	Downtown Santa Rosa Streetscape	Santa Rosa: Third St between Morgan and B St: Implement pedestrian improvements to channelize pedestrians to use the north side of Third Street at Morgan Street and at B Street; On Santa Rosa Avenue	2015 TIP Development - Updated project schedule	EXEMPT (40 CFR 93.127) - Intersection signalization projects at individual intersections	2040
Sonoma	SON130007	240651	Rohnert Park	Rohnert Park Streetscape and Pedestrian Imps	Rohnert Park: At Various locations in the Central Rohnert Park PDA: Install pedestrian and bike facility improvements	2015 TIP Development	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
Sonoma	SON130008	230700	Colati	Colati - Old Redwood Highway S. Preservation	In Colati: On Old Redwood Highway, between East Cotati and Myrtle Avenue; rehabilitate roadway and add pedestrian features.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation	2040
Sonoma	SON130009	230700	Rohnert Park	Rohnert Park Various Streets Preservation	In Rohnert Park: On Rohnert Park Expressway from State Farm Drive to Snyder Lane: Rehabilitation of roadway including ditches and overlay. Existing lane configuration and existing Class 2 bike lanes will	2015 TIP Development	EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation	2040
Sonoma	SON130010	230700	Sonoma County	Sonoma County Various Streets & Roads Preservation	Sonoma County: Various locations: Rehabilitate pavement	2015 TIP Development - Update the funding plan	EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation	2040
Sonoma	SON130011	230700	Sonoma City	Sonoma Various Streets and Roads Preservation	In Sonoma: On West Napa Road from approximately 150 feet west of Broadway Avenue (SR 12) to Jones Street; Rehabilitation of the roadway, including Class II bike lanes and ADA ramps.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation	2040
Sonoma	SON130012	240651	Windsor	Conde Ln/Johnson St Pedestrian Improvements	In Town of Windsor: At the intersection of Conde Lane and Johnson Street: Signalize the all-way stop-controlled intersection and close the gap in the sidewalk.	2015 TIP Development	EXEMPT (40 CFR 93.127) - Intersection signalization projects at individual intersections	2040
Sonoma	SON130013	240651	Windsor	Bell Rd/Market St/Windsor River Rd Ped Improvement	In Windsor: At the intersection of Bell Road-Market Street and Windsor River Road: Install a traffic signal and install pedestrian and bicycle signal equipment.	2015 TIP Development	EXEMPT (40 CFR 93.127) - Intersection signalization projects at individual intersections	2040
Sonoma	SON130014	230550	Sonoma County	Sonoma County - Safe Routes to School Program	Sonoma County: Countywide: Comprehensive safe routes to school program to shift mode away from single family vehicular trips to bicycle/pedestrian/carpooling.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Grants for training and research programs	2030
Sonoma	SON130015	230700	Sonoma County	Bodega Highway Pavement Rehabilitation	Bodega Hwy, beginning at the intersection of Sexton Lane and ending at the Sebastopol City Limits. The Project length is approximately 2 miles. The scope of work will include pavement rehabilitation.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation	2040
Sonoma	SON130016	240651	Cloverdale	Cloverdale - Safe Routes to School Phase 2	Cloverdale: Various Locations: Construct sidewalks and add Class II bike lanes	2015 TIP Development - Update the funding plan	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040

* Projects with conformity analysis years 2040 reference programmatic projects or projects with a completion date after 2030 in Plan Bay Area

List of 2015 TIP Projects by County

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County	TIP ID	RTP ID	Sponsor	Project	Project Description	Description of Change	Air Quality Description	Conformity Analysis Year*
Sonoma	SON130018	240735	Santa Rosa Bus	CityBus COA and Service Plan	Santa Rosa CityBus: System-wide: Conduct Comprehensive Operational Analysis and Service Plan for Santa Rosa's municipal transit system	2015 TIP Development - Update the funding plan	EXEMPT (40 CFR 93.126) - Grants for training and research programs	2040
Sonoma	SON130019	240735	Sonoma County Transit	CNG Bus Replacements	Sonoma County Transit: Replace two 30-foot compressed natural gas (CNG)-fueled buses.	2015 TIP Development - Update the funding plan	EXEMPT (40 CFR 93.126) - Purchase of new buses and rail cars to replace existing vehicles or for	2040
Sonoma	SON130020	240650	Petaluma	Petaluma Transit: Transit Signal Priority System	In Petaluma: Various intersections: Upgrade existing traffic signals to replace existing or install new Transit Signal Priority hardware on intersections within the City of Petaluma.	2015 TIP Development - Update the funding plan	EXEMPT (40 CFR 93.126) - Construction or renovation of power, signal, and communications systems	2040
Sonoma	SON130021	240744	Santa Rosa	Roseland Area / Sebastopol Rd Priority Development	In and near Santa Rosa: 2 PDAs: Develop a specific plan for land use & transportation, assess infrastructure needs, costs & prepare implementation guide. Prepare an EIR, amendments to planning.	2015 TIP Development	EXEMPT (40 CFR 93.126) - Planning activities conducted pursuant to titles 23 and 49 U.S.C	2040
Sonoma	SON150001	21011	Sonoma County	PDA Planning - Springs Area Plan	Sonoma Valley Springs Area: Planning to revitalize the area into a pedestrian and transit oriented mixed use corridor.	2015 TIP Development - Amend a new exempt project into the TIP with \$450K of STP and \$58.3K in Local funds. Funds are being transferred from SON110053.	EXEMPT (40 CFR 93.126) - Planning activities conducted pursuant to titles 23 and 49 U.S.C	2040
Sonoma	SON150002	21011	Sonoma County	PDA Planning - Airport Station/Specific Plan Amend	Sonoma County: Near the proposed Sonoma Marin Area Rail Transit Airport station: Develop a new station area plan and update of the 1984 Airport Industrial Area Specific Plan in order to transform the	2015 TIP Development - Amend a new exempt project into the TIP with \$350K in STP and \$45K in Local funds. The funds are being transferred from SON110053	EXEMPT (40 CFR 93.126) - Planning activities conducted pursuant to titles 23 and 49 U.S.C	2040

* Projects with conformity analysis years 2040 reference programmatic projects or projects with a completion date after 2030 in Plan Bay Area

Appendix A2
List of Projects in the Draft 2015 Transportation Improvement Program
with Updates to Modeled Milestone Years

Draft List of Updated Analysis Year Projects Included in the 2015 TIP

TIP ID	RTP ID	Sponsor	Project Name	Project Description	Air Quality Description	Conformity Analysis Year
ALA150001	240062	ACTC	Route 84 widening, Pigeon Pass to I-680	In Contra Costa County: On SR-4 from Pigeon Pass to I-680 (PM 17.9/21.0): Widen roadway from 2 lanes to 4 lanes	NON-EXEMPT	2020
ALA150002	240386	Alameda County	Niles Canyon Rd (SR 84)/Pleasanton Rd Inter. Imps	In Sunol Area: At Niles Canyon Rd(SR 84), Pleasanton Sunol Rd and Paloma Rd intersection: intersection improvements at the four corners including installation of a traffic signal, shoulder improvements	EXEMPT (40 CFR 93.127) - Intersection signalization projects at individual intersections	2040
ALA150003	240392	Dublin	Dublin Blvd. - North Canyons Pkwy Ext. Study	Dublin: In the vicinity of the Dublin Boulevard-North Canyons Parkway extension project: Conduct a feasibility analysis to evaluate the needs and benefits of an integrated multimodal transportation system	EXEMPT (40 CFR 93.126) - Planning and technical studies	2040
NAP150001	230518	Calistoga	SR 128 and Petrified Forest Intersection Imp	In Calistoga: On SR 128 and Petrified Forest Road, convert 4-way stop controlled intersection to a traffic signal.	EXEMPT (40 CFR 93.127) - Intersection signalization projects at individual intersections	2020
REG150001	22009	Caltrans	Oakland to San Jose Double Track (Segment 2A)	Between Oakland and San Jose: On UPRR Niles subdivision from MP 6 to MP 35, and the Coast subdivision MP 13 to MP 35, and on the Caltrain Right of Way MP 44 to MP 48: Construct a second mainline	NON-EXEMPT	2030
SCL150001	21754	VTA	I-680 Soundwalls - Capitol Expwy to Mueller Ave	San Jose: on I-680 corridor between Capitol Expressway and Mueller Avenue: Construct soundwalls	EXEMPT (40 CFR 93.126) - Noise attenuation	2040
SCL150002	240508	San Jose	Coyote Creek Trail Reach 5.3 (Brokaw to UPRR)	San Jose: Along Coyote Creek between Brokaw and UPRR: Construct 1500' paved trail, with gateways, underpass beneath UPRR, mitigation landscaping and miscellaneous improvements	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities	2040
SCL150003	240518	VTA	Mountain View Double Track Improvements - Phase II	Mountain View: On the Mountain View to Winchester Light Rail Transit line from the west side of the State Route 85 overcrossing to Whisman Station: Double track the current single track section	NON-EXEMPT	2020
SON150001	21011	Sonoma County	PDA Planning - Springs Area Plan	Sonoma Valley Springs Area: Planning to revitalize the area into a pedestrian and transit oriented mixed use corridor.	EXEMPT (40 CFR 93.126) - Planning activities conducted pursuant to titles 23 and 49 U.S.C	2040
SON150002	21011	Sonoma County	PDA Planning - Airport Station/Specific Plan Amend	Sonoma County: Near the proposed Sonoma Marin Area Rail Transit Airport station: Develop a new station area plan and update of the 1984 Airport Industrial Area Specific Plan in order to transform the	EXEMPT (40 CFR 93.126) - Planning activities conducted pursuant to titles 23 and 49 U.S.C	2040

Appendix B1
List of Projects in Plan Bay Area

List of Projects in Plan Bay Area
(sorted by County, then by Reference Number)

County	Reference Number	Investment Type	Project Description	Complete and Operational By: 2020 2030 2040	2015 TIP	Regionally Significant
Bay Area Region/Multi-County	21011	New Commitment	Transportation for Livable Communities (TLC) Program - Priority Development Area (PDA) Planning Grants: provide planning funds to support transit-oriented development in PDAs	Y	Y	
Bay Area Region/Multi-County	21012	Committed	Golden Gate Bridge Seismic Retrofit	Y	Y	
Bay Area Region/Multi-County	21013	Committed	State-Owned Toll Bridge Rehabilitation/Replacement/Retrofit	Y	Y	
Bay Area Region/Multi-County	21017	New Commitment	Small transit operators in Alameda, Contra Costa, Marin, Napa, Solano and Sonoma counties - transit operating and capital improvement program (including replacement, rehabilitation and minor enhancements for rolling stock, equipment, fixed facilities and other capital assets; does not include system expansion)	Y	Y	
Bay Area Region/Multi-County	21320	Committed	Golden Gate Bridge Moveable Median Barrier: installation of a moveable median barrier on the Golden Gate Bridge to provide a physical separation between opposing directions of traffic	Y	Y	
Bay Area Region/Multi-County	21342	Committed	Implement Transbay Transit Center/Caltrain Downtown Extension (Phase 1 - Transbay Transit Center)	Y	Y	
Bay Area Region/Multi-County	21627	New Commitment	Caltrain Service Frequency Improvements (6-Train Service during Peak Hours), Electrification (San Francisco to Tamien), and Communications-Based Overlay Signal System (CBOSS) and Positive Train Control System (PTC)	Y	Y	Yes
Bay Area Region/Multi-County	22001	Committed	Implement Sonoma-Marina Area Rail Transit District (SMART) Commuter Rail and Multi-Use Pathway Project (Initial Operating Segment)	Y	Y	Yes
Bay Area Region/Multi-County	22002	Committed	Extend High Occupancy Vehicle (HOV) lane on northbound I-880 from existing terminus at Bay Bridge approach to the Maritime on-ramp to provide HOV access from Maritime to Bay Bridge toll plaza	Y	Y	Yes
Bay Area Region/Multi-County	22006	Committed	Improve ferry facilities/equipment including the Downtown Ferry Terminal and procuring additional spare ferry vessels	Y	Y	
Bay Area Region/Multi-County	22042	New Commitment	Widen I-580 northbound for express lanes from Route 237 to Route 84 (includes ramp metering and auxiliary lanes; included under MTC Regional Express Lane Network RTPID #240741)	Y	Y	Yes
Bay Area Region/Multi-County	22241	Committed	Fund Regional Measure 2 studies (Water Emergency Transportation Authority environmental studies, I-680/Pleasant Hill BART Connector Study)	Y	Y	
Bay Area Region/Multi-County	22243	Committed	Fund Regional Measure 2 Express Bus North improvements (includes park-and-ride lots and rolling stock)	Y	Y	
Bay Area Region/Multi-County	22244	Committed	Fund City CarShare	Y	Y	
Bay Area Region/Multi-County	22245	Committed	Fund Safe Routes to Transit	Y	Y	

List of Projects in Plan Bay Area
(sorted by County, then by Reference Number)

County	Reference Number	Investment Type	Project Description	Complete and Operational By:		2015 TIP	Regionally Significant
				2020	2030		
Bay Area Region/Multi-County	22423	New Commitment	Lifeline Transportation Program: fund programs and services that address transportation gaps specific to low-income communities	Y		Y	
Bay Area Region/Multi-County	22425	New Commitment	Planning funds for the Metropolitan Transportation Commission, Association of Bay Area Governments, Bay Conservation and Development Commission, and nine county congestion management agencies	Y		Y	
Bay Area Region/Multi-County	22481	New Commitment	Caltrain - transit operating and capital improvement program (including replacement, rehabilitation and minor enhancements for rolling stock, equipment, fixed facilities and other capital assets); station improvements (e.g., platforms) are included	Y		Y	
Bay Area Region/Multi-County	22511	Committed	Provide ferry service between Berkeley/Albany and San Francisco	Y		Y	
Bay Area Region/Multi-County	22636	Committed	Implement BART transbay tube earthquake safety improvements (Phase 1)	Y		Y	
Bay Area Region/Multi-County	94089	Committed	Implement Presidio Parkway Project	Y		Y	
Bay Area Region/Multi-County	94152	Committed	Widen Route 12 (Jameson Canyon) from 2 lanes to 4 lanes from I-80 in Solano County to Route 29 in Napa County (Phase 1)	Y		Y	
Bay Area Region/Multi-County	94525	New Commitment	BART - transit operating and capital improvement program (including replacement, rehabilitation and minor enhancements, equipment, fixed facilities and other capital assets)	Y		Y	
Bay Area Region/Multi-County	94526	New Commitment	AC Transit - transit operating and capital improvement program (including replacement, rehabilitation and minor enhancements for rolling stock, equipment, fixed facilities and other capital assets; does not include system expansion)	Y		Y	
Bay Area Region/Multi-County	94527	New Commitment	Livermore Amador Valley Transit Authority (LAVTA) - transit operating and capital improvement program (including replacement, rehabilitation and minor enhancements for rolling stock, equipment, fixed facilities and other capital assets; does not include system expansion)	Y		Y	
Bay Area Region/Multi-County	94558	Committed	Central Contra Costa Transit Authority (CCCTA) - transit operating and capital improvement program (including replacement, rehabilitation and minor enhancements for rolling stock, equipment, fixed facilities and other capital assets; does not include system expansion)	Y		Y	Yes
Bay Area Region/Multi-County	94572	New Commitment	Golden Gate Transit - transit operating and capital improvement program (including replacement, rehabilitation and minor enhancements for rolling stock, equipment, fixed facilities and other capital assets; does not include system expansion)	Y		Y	
Bay Area Region/Multi-County	94610	Committed	Valley Transportation Authority (VTA) - transit operating and capital improvement program (including replacement, rehabilitation and minor enhancements for rolling stock, equipment, fixed facilities and other capital assets; does not include system expansion)	Y		Y	
Bay Area Region/Multi-County	94636	New Commitment	San Francisco Municipal Transportation Agency (SFMTA) - transit operating and capital improvement program (including replacement, rehabilitation and minor enhancements for rolling stock, equipment, fixed facilities and other capital assets; does not include system expansion)	Y		Y	
Bay Area Region/Multi-County	94666	New Commitment	SamTrans - transit operating and capital improvement program (including replacement, rehabilitation and minor enhancements for rolling stock, equipment, fixed facilities and other capital assets; does not include system expansion)	Y		Y	

List of Projects in Plan Bay Area
(sorted by County, then by Reference Number)

County	Reference Number	Investment Type	Project Description	Complete and Operational By:	2015 TIP	Regionally Significant
				2020	2040	
Bay Area Region/Multi-County	94683	Committed	SolTrans - transit operating and capital improvement program (including replacement, rehabilitation and minor enhancements for rolling stock, equipment, fixed facilities and other capital assets; does not include system expansion)	Y	Y	
Bay Area Region/Multi-County	230088	New Commitment	Extend I-880 northbound express lanes from north of Hacienda Avenue to Hegenberger Road (included under MTC Regional Express Lane Network RTPID #240741)	Y		Yes
Bay Area Region/Multi-County	230221	Committed	Implement I-80 Integrated Corridor Mobility (ICM) project operations and management	Y	Y	
Bay Area Region/Multi-County	230222	Committed	Implement San Pablo Avenue SMART Corridors operations and management	Y	Y	
Bay Area Region/Multi-County	230290	New Commitment	Implement Transbay Transit Center/Caltrain Downtown Extension (Phase 2 - Caltrain Downtown Extension)	Y	Y	Yes
Bay Area Region/Multi-County	230336	Committed	Implement recommendations from MTC's Transit Connectivity Plan	Y	Y	
Bay Area Region/Multi-County	230419	New Commitment	Implement the Freeway Performance Initiative (FPI), which includes freeway ITS infrastructure, arterial management, incident management, emergency preparedness, traveler information/511, and operations and maintenance of ITS infrastructure	Y	Y	
Bay Area Region/Multi-County	230550	New Commitment	Climate Policy Initiatives: fund initiatives that reduce greenhouse gas emissions from cars and light duty trucks	Y	Y	
Bay Area Region/Multi-County	230581	Committed	San Francisco Ferry Berthing Improvements Program (Phase 1): improvements to existing ferry terminals and construction of new terminals to accommodate increases in ferry ridership	Y	Y	
Bay Area Region/Multi-County	230612	Committed	Conduct environmental and design studies related to implementing new ferry services in Antioch and Martinez	Y	Y	
Bay Area Region/Multi-County	230627	Committed	Implement upgrades to Route 12 (Jameson Canyon) between Napa and Solano Counties (includes grade realignment and full safety barrier)	Y	Y	
Bay Area Region/Multi-County	230656	Committed	Convert I-80 HOV lanes to express lanes from Route 4 to Bay Bridge bypass lane in each direction (included under MTC Regional Express Lane Network RTPID #240741)	Y	Y	Yes
Bay Area Region/Multi-County	230657	Committed	Convert I-80 HOV lanes to express lanes from Carquinez Bridge to Route 4 in each direction (included under MTC Regional Express Lane Network RTPID #240741)	Y	Y	Yes
Bay Area Region/Multi-County	230658	Committed	Widen I-80 in each direction for express lanes from Route 37 to Carquinez Bridge (included under MTC Regional Express Lane Network RTPID #240741)	Y	Y	Yes
Bay Area Region/Multi-County	230659	Committed	Widen I-80 in each direction for express lanes from Red Top Road to Route 37 (included under MTC Regional Express Lane Network RTPID #240741)	Y	Y	Yes

List of Projects in Plan Bay Area
(sorted by County, then by Reference Number)

County	Reference Number	Investment Type	Project Description	Complete and Operational By:			Regionally Significant
				2020	2030	2040	
Bay Area Region/Multi-County	230660	Committed	Convert I-80 HOV lanes to express lanes from Red Top Road to Air Base Parkway in each direction (included under MTC Regional Express Lane Network RTPID #240741)	Y			Yes
Bay Area Region/Multi-County	230666	Committed	Widen I-580 for eastbound and westbound express lanes from Greenville Road to San Joaquin County line (included under MTC Regional Express Lane Network RTPID #240741)			Y	Yes
Bay Area Region/Multi-County	230668	Committed	Convert I-880 HOV lanes to express lanes between Hengenberger Road and Route 237 southbound, and Hacienda Drive to 237 northbound (included under MTC Regional Express Lane Network RTPID #240741)		Y		Yes
Bay Area Region/Multi-County	230672	Committed	Convert Route 92 westbound HOV lanes to express lanes from Hesperian Boulevard to San Mateo-Hayward Bridge toll plaza (included under MTC Regional Express Lane Network RTPID #240741)		Y		Yes
Bay Area Region/Multi-County	230673	Committed	Convert Route 84 westbound HOV lanes to express lanes from I-880 to Dumbarton Bridge toll plaza (included under MTC Regional Express Lane Network RTPID #240741)		Y		
Bay Area Region/Multi-County	230684	Committed	Widen I-580/I-680 interchange in each direction for express lanes (included under MTC Regional Express Lane Network RTPID #240741)			Y	Yes
Bay Area Region/Multi-County	230685	Committed	Express Lanes on I-680: Widen I-680 northbound for express lane from Rudgear to North Main; Convert HOV lanes to express lanes between Benicia Bridge and Alcosta Boulevard in each direction (included under MTC Regional Express Lane Network RTPID #240741)	Y		Y	Yes
Bay Area Region/Multi-County	230686	Committed	Widen I-680 in each direction for express lanes between Martinez Bridge to I-80 (included under MTC Regional Express Lane Network RTPID #240741)		Y		Yes
Bay Area Region/Multi-County	230687	Committed	Widen I-680/I-80 interchange in each direction for express lanes (included under MTC Regional Express Lane Network RTPID #240741)			Y	Yes
Bay Area Region/Multi-County	230712	Committed	Golden Gate Bridge Suicide Barrier - project development		Y		
Bay Area Region/Multi-County	230716	New Commitment	Implement Senior and Disabled Transportation Programs, including the New Freedom program		Y	Y	
Bay Area Region/Multi-County	240019	Committed	Implement station improvements along the Caltrain corridor associated with planned transit-oriented development (includes parking, bus, shuttle and bicycle and pedestrian access improvements)		Y		
Bay Area Region/Multi-County	240031	Committed	Implement system-wide access improvements at Caltrain stations associated with increased service (includes parking, bus, shuttle and bicycle and pedestrian access improvements)		Y		
Bay Area Region/Multi-County	240048	Committed	Caltrain South Terminal Track Capacity Expansion, Phase II and III - project development	Y		Y	
Bay Area Region/Multi-County	240059	Committed	Widen I-680 northbound for express lane from Route 84 to Alcosta Boulevard (included under MTC Regional Express Lane Network RTPID #240741)	Y			Yes

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Bay Area Region/Multi-County	240061	Committed	Widen I-680 southbound for express lane from Alcosta Boulevard to Route 84 (included under MTC Regional Express Lane Network RTPID #240741)	Y		Yes
Bay Area Region/Multi-County	240140	Committed	Implement Caltrain at-grade crossing improvements	Y		
Bay Area Region/Multi-County	240581	Committed	Widen I-80 in each direction for express lanes from Air Base Parkway to I-505 (included under MTC Regional Express Lane Network RTPID #240741)	Y	Y	Yes
Bay Area Region/Multi-County	240583	Committed	Widen I-80 in each direction for express lanes from I-505 to Yolo County Line (included under MTC Regional Express Lane Network RTPID #240741)	Y		Yes
Bay Area Region/Multi-County	240587	Committed	Widen I-680 northbound for express lanes from Marina Vista Avenue to North Main Street (included under MTC Regional Express Lane Network RTPID #240741)	Y		
Bay Area Region/Multi-County	240588	Committed	Widen I-680 southbound for express lanes from Marina Vista Avenue to Livorna Road (included under MTC Regional Express Lane Network RTPID #240741)	Y		Yes
Bay Area Region/Multi-County	240727	Committed	Implement transportation improvements serving the Golden Gate National Recreation Area	Y	Y	
Bay Area Region/Multi-County	240731	New Commitment	Priority Conservation Area (PCA) Program: provides funding to preserve open space and conservation areas	Y	Y	
Bay Area Region/Multi-County	240732	New Commitment	Regional Express Lane Network Grant Funding (included under MTC Regional Express Lane Network RTPID #240741)	Y		
Bay Area Region/Multi-County	240733	Committed	Regional Express Lane Network Reserve: net revenue from the Network will be held in reserve (included under MTC Regional Express Lane Network RTPID #240741)	Y		
Bay Area Region/Multi-County	240734	Committed	Regional Express Lane Network Operations and Maintenance, Rehabilitation, and Financing Cost (included under MTC Regional Express Lane Network RTPID #240741)	Y		
Bay Area Region/Multi-County	240735	New Commitment	Transit Performance Initiative: fund supportive infrastructure to achieve performance improvements in major transit corridors	Y	Y	
Bay Area Region/Multi-County	240736	New Commitment	Expand and enhance the SMART commuter rail system (Phase II) by constructing a one-station extension from San Rafael to Larkspur, constructing a one-station extension from North Santa Rosa to Windsor, implementing capacity improvements along the Initial Operating Segment (Sonoma County only), and completing the multi-use pathway from Larkspur to Cloverdale.	Y		Yes
Bay Area Region/Multi-County	240741	New Commitment	MTC Regional Express Lane Network	Y	Y	Yes
Bay Area Region/Multi-County	240744	New Commitment	One Bay Area Grant (OBAG) - net of funds not assigned to county priorities	Y	Y	

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Bay Area Region/Multi-County	240745	Committed	Maintain and preserve the investment in the State Highway System (SHS) and its supporting infrastructure (SHOPP)		Y	Y
Bay Area Region/Multi-County	240746	Committed	Highway Safety Improvement Program (HSIP)		Y	Y
Bay Area Region/Multi-County	240747	Committed	Safe Routes to Schools		Y	Y
Bay Area Region/Multi-County	240748	Committed	Maintain and preserve local bridges.		Y	Y
Bay Area Region/Multi-County	240749	New Commitment	Section 130 State Rail Program		Y	Y
Bay Area Region/Multi-County	240751	New Commitment	Clipper capital replacement costs for all operators are included and a portion of Clipper's operating costs	Y		
Alameda	21093	Committed	Implement Route 92/Clawiter Road/Whitesell Street interchange improvements and local intersection improvements			
Alameda	21100	New Commitment	Modify I-580/Vasco Road interchange, includes widening I-580 overcrossing to provide 8 lanes and bike lanes/shoulders, constructing auxiliary lanes on I-580 between Vasco and First Street, widening Vasco Road to 8 lanes between Northfront Road and Las Positas Road	Y		Yes
Alameda	21103	New Commitment	Construct grade separation structure on Central Avenue at Union Pacific Railroad crossing	Y		Y
Alameda	21114	Committed	Construct grade separations on Washington Boulevard/Paseo Padre Parkway at the Union Pacific railroad tracks and proposed BART extension	Y		
Alameda	21116	Committed	Widen I-580 for HOV and auxiliary lanes eastbound from Hacienda Road to Greenville Road and westbound from Greenville Road to Foothill Road	Y		Y
Alameda	21123	New Commitment	Improve infrastructure at Union City Intermodal Station	Y		Y
Alameda	21126	New Commitment	Construct Route 84 westbound HOV on-ramp from Newark Boulevard	Y		Yes
Alameda	21131	Committed	Build a BART Oakland Airport Connector between Coliseum BART station and Oakland International Airport	Y		Y
Alameda	21132	Committed	Extend BART from Fremont to Warm Springs	Y		Yes
Alameda	21144	New Commitment	Reconfigure I-80/Gilman interchange, involves dual roundabout at interchange and bicycle/pedestrian improvements	Y		Y
Alameda	21451	Committed	Construct additional turn- and bus-loading lanes on Hesperian Boulevard and East 14th Street	Y		Y
Alameda	21472	Committed	Improve I-680/Bernal Avenue interchange	Y		Y
Alameda	21473	Committed	Construct a 4-lane arterial connecting Dublin Boulevard and North Canyons Parkway	Y		
Alameda	21475	New Commitment	Reconstruct I-580/First Street interchange	Y		
Alameda	21477	New Commitment	Reconstruct I-580/Greenville road interchange	Y		
Alameda	21484	New Commitment	Widen Kato Road from Warren Avenue to Milmont Drive	Y		Y
Alameda	21489	New Commitment	Improve I-580/San Ramon Road/Foothill Road interchange, includes eliminating eastbound diagonal off-ramp and eastbound loop off-ramp and constructing new signalized intersection at off-ramp	Y		Y
Alameda	22009	New Commitment	Expand Capitol Corridor intercity rail service from Oakland to San Jose - project development	Y		Y
Alameda	22013	Committed	Construct I-580 eastbound truck climbing lane at the Altamont Summit	Y		
Alameda	22067	New Commitment	Construct Irvington BART Station in Fremont	Y		Yes

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Alameda	22063	Committed	Improve Route 238 corridor near Foothill Boulevard/I-580 by removing parking during peak periods and spot widening	Y		Y
Alameda	22082	New Commitment	Implement Outer Harbor Intermodal Terminals project (includes 7th Street grade separation and roadway improvements)		Y	Y
Alameda	22100	Committed	Replace overcrossing structure at I-880/Davis Street interchange and add additional travel lanes on Davis Street (includes ramp, intersection and signal improvements)	Y		Y
Alameda	22455	New Commitment	Implement AC Transit East Bay Bus Rapid Transit (BRT)	Y		Y
Alameda	22509	Committed	Provide ferry service between Alameda/Oakland and San Francisco, and between harbor Bay and San Francisco		Y	Y
Alameda	22664	New Commitment	Convert the I-580 westbound HOV lane to an express lane from Greenville Road to San Ramon Road/Foothill Road	Y		Y
Alameda	22670	Committed	Construct HOV lane for southbound I-880 from Hegenberger Road to Marina Boulevard (includes reconstructing bridges at Davis Street and Marina Boulevard)	Y		Y
Alameda	22760	New Commitment	Construct Outer Harbor Intermodal Terminal (OHIT) on former Oakland Army Base at 7th Street/Maritime Street (includes expanded intermodal terminal for the Port, warehouses, and truck parking lot)		Y	Y
Alameda	22769	New Commitment	Improve northbound I-880 interchange at 23rd and 29th Avenue, involves improving on- and off-ramp geometrics, modifying local streets, and landscaping/soundwalls	Y		Y
Alameda	22776	New Commitment	Widen Route 84 from 2 lanes to 4 lanes from north of Pigeon Pass to Stanley Boulevard and from 2lanes to 6 lanes from Stanley Boulevard to Jack London Boulevard		Y	Y
Alameda	22779	New Commitment	Improve Route 262/I-880 interchange (Phase 2), which involves grade separation at Warren Avenue/Union Pacific Rail Road	Y		Y
Alameda	22780	New Commitment	Implement AC Transit Grand-MacArthur Bus Rapid Transit (BRT)	Y		Y
Alameda	22990	Committed	Widen Route 262 from I-880 to Warm Springs Boulevard (includes reconstructing Route 262/I-880 and Route 262/Kato Road interchanges) and reconstruct Union Pacific Railroad underpasses	Y		
Alameda	94012	Committed	Implement the Union City BART station transit-oriented development project, including construction of pedestrian grade separations under the BART and Union Pacific Railroad tracks and reconfiguring existing station to provide multimodal loop road (Phase 1)		Y	Y
Alameda	94506	New Commitment	Construct an east-west connector between I-880 and Route 238/Mission Boulevard (includes improvements to roadways and intersections along Decoto Road, Fremont Boulevard, Paseo Padre Parkway, Alvarado-Niles Road and Route 238/Mission Boulevard)	Y		Y
Alameda	98207	New Commitment	Construct Bus Rapid Transit facility from Alameda Naval Station to 12th Street BART station, improve freeway weaving at I-880/I-980 interchange, construct new on-ramp at Market Street/6th Street and off-ramp at Martin Luther King Way/5th Street, improve operations at Posey and Webster Tubes, construct park and ride on Mariner Square Drive near Posey Tube entrance, add Intelligent Transportation Systems (ITS) elements on Webster Street, Ralph Appenzato Memorial Parkway, 6th Street, 5th Street, Broadway, Harrison Street, and 7th Street (Phase 1)	Y		Y
Alameda	230052	Committed	Construct auxiliary lanes on I-880 near Winton Avenue in Hayward			Y
Alameda	230054	Committed	Construct auxiliary lanes on I-880 between Whipple Road and Industrial Parkway West	Y		Y
Alameda	230066	Committed	Improve I-880/Marina Boulevard interchange (includes on- and off-ramp improvements, overcrossing modification and street improvements)	Y		Y
Alameda	230083	Committed	Tri-Valley Transit Access: acquire right-of-way along I-580 from Hacienda Drive to the Greenville Road interchange to accommodate rail transit		Y	Y
Alameda	230091	Committed	Install traffic monitoring systems, signal priority and coordination, ramp metering, and HOV bypass lanes in the I-880, I-238 and I-580 corridors			Y
Alameda	230101	New Commitment	Implement Union City Passenger Rail Station and Dumbarton Rail Segment G improvement; and Union City BART Phase 2/Passenger Rail Station	Y		Y

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Alameda	230103	New Commitment	Construct grade separation over Decoto Road in the Decoto neighborhood	Y			
Alameda	230110	New Commitment	Improve Route 262 Mission Boulevard cross connector, includes widen Mission Boulevard to 3 lanes in each direction throughout I-680 interchange, extend westbound right turn lane from Warm Springs to Mohave, extend westbound left turn lanes at Warm Springs, rebuild northbound and southbound I-680 on and off ramps	Y			
Alameda	230114	New Commitment	Widen Auto Mall Parkway from 4-lanes to 6-lanes between I-680 and I-880	Y			Yes
Alameda	230132	New Commitment	Improve I-580/Isabel/Route 84 interchange, includes providing 6-lanes over I-580 at Isabel/Route 84 interchange and 4-lanes over I-580 at Portola flyover		Y		Yes
Alameda	230157	Committed	Construct a 2-lane gap closure on Las Positas Road from Arroyo Vista to west of Vasco Road	Y			Yes
Alameda	230170	New Commitment	Improve 42nd Avenue and High Street, includes extending and aligning 42nd Avenue with Alameda Avenue to create road parallel to High Street, widening High Street between Oakport Street and Coliseum Way, realigning E. 8th Street near Alameda Avenue, and modifying traffic signals and other intersection improvements	Y		Y	
Alameda	230171	Committed	Improve Route 24/Caldecott Tunnel including bicycle and transit access and soundwall improvements	Y			
Alameda	240003	New Commitment	Construct I-80 bicycle-pedestrian bridge between 65th Street and Frontage Road	Y			
Alameda	240014	New Commitment	Construct WETA operations and maintenance facility in Alameda	Y			Y
Alameda	240015	Committed	Construct a new interchange at Route 92/Whitesell Street and extend Whitesell Street to Clawiter Road (includes new on-ramp from southbound Clawiter Road to Route 92 westbound on a bridge over the Route 92 westbound off ramp to Whitesell Street)			Y	
Alameda	240018	New Commitment	Implement commuter service between Peninsula and East Bay (includes implementation of Phase 1 service as determined by on-going environmental work, railroad right-of-way acquisition, and environmental only for rail improvements)	Y			Yes
Alameda	240024	New Commitment	Implement Oakland Army Base infrastructure improvements (includes reconstructing Maritime Street, realigning Burma Road and Wake Avenue)	Y			Y
Alameda	240025	Committed	Reconstruct interchange at I-880/Industrial Parkway to provide a northbound off-ramp and a southbound HOV bypass lane on the southbound loop off-ramp (includes reconstruction of bridge over I-880)			Y	Y
Alameda	240037	New Commitment	Reconstruct I-880/West Winton Avenue interchange, involves reconfiguring eastbound to southbound on ramp and new connection to Southland Mall Drive	Y			
Alameda	240038	New Commitment	Widen Dougherty Road from 4-lanes to 6-lanes between Sierra Lane and North City Limit	Y			Y
Alameda	240047	New Commitment	Reconstruct I-880/A Street interchange, includes widening of A Street from 5 lanes to 6 lanes underneath overpass, adding additional freeway lane in each direction, modifying intersection and signal			Y	
Alameda	240050	Committed	Convert I-580 eastbound HOV lane to express lanes from Hacienda Road to Greenville Road	Y			Y
Alameda	240051	New Commitment	Widen Union City Boulevard from 2-lanes to 3-lanes between Whipple Road and Industrial Parkway	Y			Yes
Alameda	240052	New Commitment	Improve I-880/Whipple Road interchange, includes northbound off-ramp, surface street improvements and realignment between Union City and Hayward city limits	Y			
Alameda	240055	New Commitment	Construct underpass on Tennyson Road between Whitman Avenue and Huntwood Avenue	Y			
Alameda	240062	New Commitment	Construct improvements for the Route 84/I-680 interchange, widen Route 84 from Pigeon Pass to I-680, and construct auxiliary lanes on I-680 between Andrade and Route 84	Y			Y
Alameda	240065	Committed	Widen Route 92/Industrial Boulevard interchange (includes striping improvements on Industrial Boulevard to accommodate the existing lane)			Y	
Alameda	240076	Committed	Construct auxiliary lanes on I-580 eastbound between Isabel Avenue and North Livermore Avenue, and North Livermore Avenue and First Street (includes widening the Arroyo Las Positas Bridge at two locations and providing additional improvements to accommodate future express lanes)	Y			Y

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Alameda	240077	New Commitment	Implement Rapid Bus Service from Alameda Point to Fruitvale BART station	Y		
Alameda	240094	Committed	Implement Crow Canyon Road Safety Improvements Project (includes roadway realignment, shoulder widening, retaining wall systems, and guardrail modifications along Crow Canyon Road between E. Castro Valley Blvd. and the Alameda / Contra Costa county line)	Y		Y
Alameda	240100	New Commitment	Replace Park Street Bridge between Park Street in Alameda and 29th Avenue in Oakland	Y		
Alameda	240101	New Commitment	Replace Fruitvale Bridge between Tilden Way in Alameda and Fruitvale Avenue in Oakland (includes widening for travel lanes)	Y		Y
Alameda	240139	New Commitment	Widen the Stoneridge Drive overcrossing at I-680	Y		Yes
Alameda	240175	New Commitment	Construct second bridge on Bernal Bridge for bicycle and pedestrian access	Y		
Alameda	240179	New Commitment	Construct Downtown Berkeley Transit Center	Y		
Alameda	240180	New Commitment	Implement BART Metro/Bay Fair connection	Y		Yes
Alameda	240196	New Commitment	Extend BART from the Dublin/Pleasanton Station to Livermore - project development (funds for study, construction reserve)	Y		Y
Alameda	240197	Committed	Implement Berkeley Pedestrian Master Plan	Y		
Alameda	240200	Committed	Extend Stoneridge Drive from Trevor Parkway to El Charro Road and construct six traffic signals	Y		
Alameda	240202	New Commitment	Improve Route 13/Ashby Avenue corridor with traffic, bicycle, and pedestrian safety measures	Y		
Alameda	240206	Committed	Implement Berkeley Bicycle Plan	Y		
Alameda	240207	New Commitment	Extend Bay Trail by 1.3 miles from West Frontage Road to Berkeley Marina	Y		
Alameda	240208	New Commitment	Improve highway-rail grade crossings at four crossings in Fremont	Y		
Alameda	240226	New Commitment	Construct access improvements to Berkeley Ferry Terminal	Y		
Alameda	240227	New Commitment	Extend Bay Trail in Oakland, including bicycle/pedestrian bridge over Lake Merritt Channel and bicycle/pedestrian access around Oakland Estuary	Y		Y
Alameda	240250	New Commitment	Widen Dublin Boulevard from 4-lanes to 6-lanes between Sierra Court and Dublin Court	Y		Yes
Alameda	240254	New Commitment	Widen Greenville Road from 2-lanes to 4-lanes between I-580 and Patterson Pass Road	Y		Yes
Alameda	240261	New Commitment	Extend and widen Scarlett Drive from Dougherty Road to Dublin Boulevard and relocate Iron Horse Trail along Scarlett Drive in Dublin	Y		
Alameda	240263	New Commitment	Modify Route 84/Peralta Boulevard (includes widening Peralta Boulevard from 1-lane to 2-lanes and a bike lane in each direction between Fremont Boulevard Mowry Avenue, and widening Mowry Avenue from 1-lane to 2-lanes and a bike lane in each direction between Thane Street and Mission Boulevard)	Y		
Alameda	240264	New Commitment	Widen Fremont Boulevard to 6-lanes and 2-bike lanes from Grimmer Boulevard to I-880	Y		Yes
Alameda	240272	New Commitment	Widen Thornton Avenue from 2-lanes to 4-lanes between Gateway Boulevard and Hickory Street	Y		Yes
Alameda	240274	Committed	Union Pacific Railroad (UPRR) Capital Access Fee to operate Altamont Commuter Express (ACE) trains	Y		
Alameda	240281	Committed	Construct bicycle and pedestrian facilities from Fremont BART Station to Fremont Midtown	Y		
Alameda	240295	Committed	Install security cameras at the Alameda and San Joaquin County ACE stations	Y		
Alameda	240297	Committed	Interoperable Communications Equipment for ACE	Y		
Alameda	240304	New Commitment	Extend platforms at ACE Stations in Alameda County and San Joaquin County	Y		
Alameda	240318	New Commitment	Reconstruct the Ashby Avenue interchange on I-80	Y		
Alameda	240324	New Commitment	Retrofit Miller Sweeney Bridge between Tilden Way and Fruitvale Avenue, includes bike lanes, median and sidewalks	Y		
Alameda	240347	New Commitment	Construct new segments and close existing gaps along Iron Horse Trail, East Bay Greenway, and Bay Trail	Y		Y
Alameda	240350	New Commitment	Implement pedestrian safety improvements on Marin Avenue	Y		
Alameda	240372	New Commitment	Implement College Avenue/Broadway Corridor (Route 51) Improvements - Transit Priority Measures	Y		Y

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Alameda	240381	New Commitment	Implement Alameda County's Bicycle and Pedestrian program (includes pedestrian infrastructure, support facilities, maintenance, and education/promotion programs)			Y	Y
Alameda	240382	New Commitment	Implement Alameda County's Transit Enhancements; Expansion, Safety and Operations and Maintenance Program, including Paratransit			Y	Y
Alameda	240386	New Commitment	Local streets and roads operations and maintenance			Y	Y
Alameda	240388	New Commitment	Implement highway and freeway safety improvements (includes interchange improvements, ramp metering, and soundwalls)			Y	Y
Alameda	240389	New Commitment	Implement Alameda County's Bridge Improvements Program			Y	Y
Alameda	240391	New Commitment	Support TODs/PDAs through multi-modal improvements and CEQA mitigation			Y	Y
Alameda	240392	New Commitment	Implement promotion/outreach/education/planning studies about taking transit, biking, walking, and multi-modal access (includes Safe Routes to School program)			Y	Y
Alameda	240393	New Commitment	Implements Alameda County's Transportation Demand Management (TDM) and Parking Management program (includes Guaranteed Ride Home, Safe Routes to School, Safe Routes to Transit, Travel Choice, Travel Training, Walk/Bike Promotions, and parking cash out)			Y	Y
Alameda	240394	New Commitment	Implement Alameda County's Goods Movement Program (includes improvements for goods movement by truck and coordinated with rail and air)			Y	Y
Alameda	240395	New Commitment	Improve Priority Development Areas (PDAs) with non-transportation infrastructure (includes sewer and storm water upgrades)			Y	
Alameda	240396	New Commitment	Implement Alameda County's Environmental Mitigation Program			Y	
Alameda	240397	New Commitment	Implement Alameda County's Transportation Technology and Revenue Enhancement Program			Y	
Alameda	240562	Committed	Upgrade Clawiter Road/Route 92 interchange (includes new ramps and an over-crossing for the Whitesell Street extension and ramp intersection signalization)	Y			Y
Alameda	240683	Committed	Expand Alamo Canal Trail from Dublin to Pleasanton	Y			Y
Alameda	240716	New Commitment	Construct bicycle and pedestrian bridge on Tennyson Road from Nuestro Parqueito to South Hayward BART station			Y	
Alameda	240717	New Commitment	Rehabilitate Solano Avenue (includes resurfacing and beautification)			Y	
Alameda	240718	New Commitment	Implement streetscape improvements on San Pablo Avenue (includes medians and rain gardens)			Y	
Alameda	240726	New Commitment	Implement project development phases for transportation projects in Alameda County, includes wide-range of highway, arterial, transit, and bicycle/pedestrian improvements			Y	Y
Contra Costa	21134	New Commitment	Construct enhancements of the San Pablo Rapid service, including real-time passenger information, queue jump lanes, buses and on-board equipment, and passenger amenities	Y			Yes
Contra Costa	21205	New Commitment	Improve I-680/Route 4 interchange (includes connecting northbound I-680 to westbound State Route 4, connecting eastbound State Route 4 to southbound I-680, and widening SR4 between Morello and SR242)	Y			Y
Contra Costa	21206	Committed	Implement landscaping for Caldecott Tunnel 4th Bore	Y			Yes
Contra Costa	21208	New Commitment	Implement improvements to Richmond Parkway Transit Center	Y			Y
Contra Costa	21210	Committed	Construct Capitol Corridor train station in Hercules	Y			Y
Contra Costa	21211	Committed	Extend BART/East Contra Costa Rail (eBART) eastward from the Pittsburg/Bay Point BART station into eastern Contra Costa County		Y		Y
Contra Costa	21214	Committed	Widen Wilbur Avenue over Burlington Northern Santa Fe Railroad from 2 lanes to 4 lanes	Y			Y
Contra Costa	21225	New Commitment	Regional and local pedestrian and bicycle improvements, including overcrossing locations to be determined			Y	Y
Contra Costa	22122	New Commitment	Provide ferry service from Richmond to San Francisco	Y			Y
Contra Costa	22350	New Commitment	Improve I-680/Route 4 interchange Phases 4 and 5 (includes connecting southbound I-680 to eastbound State Route 4, connecting westbound State Route 4 to northbound I-680, and constructing HOV flyover ramps from westbound State Route 4 to I-680 southbound from I-680 northbound to eastbound State Route 4)	Y			Yes

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Contra Costa	22351	Committed	Construct an HOV lane on I-680 northbound between North Main Street and Route 242 (See Bay Area Region/Multi-County Project #240587)	Y	Y	
Contra Costa	22352	New Commitment	Construct Direct Access Ramps along I-680 in the vicinity of Norris Canyon Road	Y	Y	Yes
Contra Costa	22353	New Commitment	Construct an HOV lane on I-680 southbound between North Main Street and Livorna (See Bay Area Region/Multi-County Project #240588)	Y	Y	
Contra Costa	22355	New Commitment	Modify I-80/Central Avenue interchange, includes connecting Pierce Street to San Mateo Street and relocating traffic signal to San Mateo/Central Avenue intersection	Y	Y	
Contra Costa	22360	New Commitment	Reconstruct I-80/San Pablo Dam Road interchange, includes relocating of westbound El Portal on-ramp to the full interchange northwards, providing access to McBryde Avenue through a new connector road from San Pablo Dam Road interchange, and replacing Riverside Avenue pedestrian overcrossing	Y	Y	
Contra Costa	22388	New Commitment	Construct on- and off-ramp for State Route 242 at Clayton Road	Y	Y	Yes
Contra Costa	22390	New Commitment	Reconstruct State Route 4/Willow Pass Road ramps in Concord	Y	Y	
Contra Costa	22400	New Commitment	Conduct environmental and design studies to create a new alignment for SR239 and develop corridor improvements from Brentwood to Tracy - project development	Y	Y	
Contra Costa	22402	Committed	Implement the San Ramon School Bus Program, and continue the Lamorinda School Bus Program	Y	Y	
Contra Costa	22602	New Commitment	Construct auxiliary lane on I-680 in both directions between Sycamore Valley Road in Danville to Crow Canyon Road in San Ramon	Y	Y	Yes
Contra Costa	22604	New Commitment	Improve safety and operations of Vasco Road from Brentwood to Alameda County line - Phase 2 (includes potential realignment)	Y	Y	
Contra Costa	22607	Committed	Widen and extend major streets, and improve interchanges in east Contra Costa County	Y	Y	
Contra Costa	22609	Committed	Widen and extend major streets, and improve interchanges in central Contra Costa County	Y	Y	
Contra Costa	22610	Committed	Widen and extend major streets, and improve interchanges in west Contra Costa County	Y	Y	
Contra Costa	22611	Committed	Implement a low-income student bus pass program in west Contra Costa County	Y	Y	
Contra Costa	22613	Committed	Widen and extend major streets, and improve interchanges in southwest Contra Costa County (includes widening Camino Tassajara to 4 lanes between Danville and Windemere Parkway, and to 6 lanes from Windemere Parkway to Alameda County line)	Y	Y	
Contra Costa	22614	New Commitment	Construct Martinez Intermodal Station (Phase 3), which includes additional 425 spaces and auto/pedestrian bridge	Y	Y	
Contra Costa	22637	Committed	Construct BART crossover at Pleasant Hill BART station	Y	Y	
Contra Costa	94046	Committed	Improve interchanges and parallel arterials to Route 4	Y	Y	
Contra Costa	94048	Committed	Improve interchanges and parallel arterials to I-80	Y	Y	
Contra Costa	94532	Committed	Implement the Gateway Lamorinda Traffic Program (includes carpool lot in Lafayette, structural and safety improvements on Moraga Road, intersection realignments, turn lanes, pedestrian accommodation and signal coordination)	Y	Y	
Contra Costa	98115	Committed	Widen Ygnacio Valley/Kirker Pass Roads from 4 lanes to 6 lanes from Michigan Boulevard to Cowell Road	Y	Y	
Contra Costa	98126	Committed	Improve interchanges and arterials parallel to I-680 and Route 24	Y	Y	
Contra Costa	98133	Committed	Widen Pacheco Boulevard from 2 lanes to 4 lanes between Blum Road to Arthur Road	Y	Y	Yes
Contra Costa	98134	Committed	Widen Dougherty Road to 6 lanes from Red Willow to Contra Costa County line	Y	Y	
Contra Costa	98194	Committed	Extend Commerce Avenue to Waterworld Parkway, including construction of vehicular bridge over Pine Creek, installation of trails and a pedestrian bridge connecting Willow Pass Road to Concord Avenue/Route 242 interchange	Y	Y	
Contra Costa	98196	New Commitment	Construct an eastbound auxiliary lane on Route 24 between Gateway Boulevard and Brookwood Road/Moraga Way	Y	Y	Yes
Contra Costa	98198	New Commitment	Improve safety and operations on Vasco Road in Contra Costa and Alameda counties	Y	Y	
Contra Costa	98222	Committed	Construct freeway-to-freeway direct connectors between Route 4 Bypass and Route 160	Y	Y	

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Contra Costa	98999	Committed	Widen Route 4 from Somersville Road to Route 160 including improvements to interchanges	Y			Y	
Contra Costa	230084	Committed	Construct a railroad grade separation at the Richmond Waterfront on the Marina Bay Parkway	Y			Y	
Contra Costa	230123	New Commitment	Expand exist WestCAT maintenance facility to store additional transit vehicles	Y				
Contra Costa	230127	New Commitment	Construct new WestCat satellite maintenance/administration facility		Y			
Contra Costa	230129	Committed	Expand WestCAT service, including purchase of vehicles			Y		
Contra Costa	230131	New Commitment	Provide expanded express bus service to Pinole and Hercules Ferry			Y		
Contra Costa	230185	New Commitment	Establish Express Bus Service and eBART support network	Y				
Contra Costa	230196	New Commitment	Transit Preferential Measures (TPMs) to improve bus speed and passenger safety, includes signal priority, passenger amenities, improved bus loading areas, and rider information	Y				
Contra Costa	230202	Committed	Widen Route 4 Bypass from 2 to 4 Lanes from Laurel Road to Sand Creek Road	Y			Y	
Contra Costa	230203	Committed	Construct Route 4 Bypass interchange at Sand Creek Road	Y			Y	
Contra Costa	230205	Committed	Widen Route 4 Bypass from 2 to 4 lanes from Sand Creek Road to Balfour Road	Y			Y	
Contra Costa	230206	Committed	Construct Route 4 Bypass interchange at Balfour Road (Phase 1)	Y			Y	
Contra Costa	230212	Committed	Improve Clayton Road/Treat Boulevard intersection and increase capacity (includes upgrading traffic signal and geometric improvements)	Y			Y	
Contra Costa	230216	New Commitment	Construct a two-lane bridge over Walnut Creek connecting Waterworld Parkway with Meridian Park Boulevard		Y		Y	
Contra Costa	230218	New Commitment	Conduct planning, engineering, environmental studies, and construct transportation improvements at the El Cerrito Del Norte BART station's Transit Oriented Development (TOD) project	Y			Y	
Contra Costa	230232	New Commitment	Improve State Route 4/Phillips Lane interchange to provide diamond configuration connecting Route 4 to an extension of Phillips Lane from Oakley Road	Y			Y	Yes
Contra Costa	230233	New Commitment	Extend James Donlon Boulevard to Kirtler Pass Road by constructing a new 2-lane expressway	Y			Y	
Contra Costa	230236	Committed	Widen Pittsburg-Antioch Highway from 2 lanes to 4 lanes	Y			Y	
Contra Costa	230237	New Commitment	Extend West Leland Road and construct a new 4-lane arterial road with raised median, bike lanes and sidewalks from San Marco Boulevard to Willow Pass Road	Y			Y	Yes
Contra Costa	230238	Committed	Widen California Avenue from 2 lanes to 4 lanes with 2 left-turn lanes	Y			Y	
Contra Costa	230239	Committed	Widen and improve Buskirk Avenue between Monument Boulevard and Hookston Road to provide 2 through lanes in each direction (includes road realignment, new traffic signals and bicycle/pedestrian streetscape improvements)	Y			Y	
Contra Costa	230240	New Commitment	Improve Contra Costa Boulevard from Boyd Road and 2nd Avenue, includes intersection geometry modifications, new traffic signals, bike lane, sidewalks, bus shelters and landscaping	Y				
Contra Costa	230247	New Commitment	Widen Lone Tree Way to 6-lanes from O'Hara Avenue to Brentwood Boulevard	Y				Yes
Contra Costa	230249	New Commitment	Construct grade separation underpass at Lone Tree Way and Union Pacific Railroad	Y			Y	
Contra Costa	230250	Committed	Widen Brentwood Boulevard from 2 lanes to 4 lanes between marsh Creek and Delta Road	Y			Y	
Contra Costa	230253	Committed	Replace the old 2-lane Fitzuren Road with a new 4-lane divided arterial (includes shoulders, bicycle lanes, a park-and-ride lot and sidewalks)	Y			Y	
Contra Costa	230274	Committed	Widen Main Street to 6 lanes from Route 160 to Big Break Road	Y			Y	
Contra Costa	230288	Committed	Widen Empire Avenue from 2-lanes to 4-lanes between Lone Tree Way and Union Pacific Railroad right-of-way/Antioch city limits	Y			Y	
Contra Costa	230289	New Commitment	Create Main Street Downtown Bypass by constructing new roadway between Vintage Parkway and 2nd Street	Y				Yes
Contra Costa	230291	New Commitment	Construct northbound truck climbing lane from Clearbrook Drive in Concord to crest of Kirtler Pass Road, includes 12-foot dedicated truck climbing lane, bike lane and 8-foot paved shoulder	Y			Y	
Contra Costa	230293	Committed	Provide transportation improvements on the east side of the Richmond BART station to accommodate redevelopment for a transit village		Y			

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Contra Costa	230306	New Commitment	Improve safety on Alhambra Avenue by adding second southbound lane from Walnut Avenue to south side of State Route 4, includes signal modifications		Y	
Contra Costa	230307	New Commitment	Widen Camino Tassajara Road from 2 lanes to 4 lanes from Windemere Parkway to County line, includes 8-foot paved shoulders and bike lanes in both directions	Y		Y
Contra Costa	230308	New Commitment	Realign and improve safety and operations on Alhambra Valley Road	Y		Yes
Contra Costa	230309	New Commitment	Provide rolling stock, infrastructure and information-technology for bus-rapid transit service in select corridors in Contra Costa County	Y		
Contra Costa	230318	New Commitment	Extend North Richmond truck route from Market Avenue to Parr Boulevard, involves two lanes, shoulders on both sides and sidewalk on west side		Y	Y
Contra Costa	230321	New Commitment	Construct Hercules Intermodal Station (Phase 2, 3 and 4), includes improvements to railroad tracks, construction of a platform and pedestrian bridge to platform, building station structure and plaza, building Ferry Station building, extending John Muir Parkway to 2-lanes in each direction, providing trail connections and adding 226 surface parking spaces	Y		Y
Contra Costa	230397	New Commitment	Improve infrastructure to support WestCat service area, includes park and ride lots, signal prioritization, queue jump lanes and freeway drop ramps	Y		
Contra Costa	230505	Committed	East Side Improvements at the Richmond Intermodal Station	Y		
Contra Costa	230535	Committed	Realign Curves along Marsh Creek Road to improve safety and operations	Y		
Contra Costa	230538	Committed	Widen Bailey Road lanes and shoulders		Y	
Contra Costa	230542	Committed	Close a bicycle/pedestrian gap at San Pablo Avenue bridge in Pinole by upgrading the existing bridge or constructing a new dedicated bicycle/pedestrian bridge	Y		
Contra Costa	230596	Committed	Construct a six bay transit hub on Pacheco Boulevard (includes park-and-ride spaces, landscaping, lighting and passenger amenities on Blum Road at the I-680/Route 4 interchange)	Y		Y
Contra Costa	230597	Committed	Implement I-80 Integrated Corridor Mobility Project (includes the installation/upgrade of corridor management elements along the I-80 corridor (Phase 1) and along parallel and connecting arterials (Phase 2) to allow sharing of real-time traveler information among public agencies and the public)	Y		
Contra Costa	230613	New Commitment	Provide ferry service between Hercules and San Francisco	Y		Yes
Contra Costa	230631	Committed	Double the existing rail track between Oakley and Port Chicago	Y		
Contra Costa	230693	New Commitment	Local streets and roads operations and maintenance		Y	Y
Contra Costa	240074	New Commitment	Improve BART Station capacity, including additional vertical circulation and faregates, platform widening, transcreens and doors and pad area expansion (initial phase)		Y	
Contra Costa	240167	New Commitment	Widen Brentwood Boulevard from 2 lanes to 4 lanes from Lone Tree Way and the north city limit, includes bike lanes, median islands, curb gutter, sidewalk, street lights and landscaping			
Contra Costa	240333	New Commitment	Replace CCTTA existing diesel trolley fleet with electric trolleys and necessary infrastructure	Y		Yes
Contra Costa	240355	New Commitment	Add an eastbound mixed-flow lane on Route 4 from the lane drop 1,500 feet west of Port Chicago Highway to east of Willow Pass Road (west) on-ramp	Y		
Contra Costa	240364	Committed	Implement paratransit programs			Yes
Contra Costa	240365	Committed	Implement Transportation for Livable Communities/streetscape projects		Y	
Contra Costa	240367	Committed	Implement Contra Costa County's Safe Routes to Schools program		Y	Y
Contra Costa	240457	New Commitment	Construct improvements at the Walnut Creek BART transit-oriented development, includes additional parking station access, capacity, safety and operational improvements		Y	Y
Contra Costa	240459	New Commitment	Construct bicycle/pedestrian overcrossings for Route 4 Bypass	Y		
Contra Costa	240584	New Commitment	Add a westbound mixed-flow lane from east of Willow Pass Road (West) to the lane-add west of Willow Pass Road (West)	Y		
Contra Costa	240624	Committed	Implement I-80 Integrated Corridor Mobility (ICM) Project Operations and Management - Local Portion - Maintenance	Y		Yes
Contra Costa	240625	New Commitment	Construct eBART station in the Route 4 median at Railroad Avenue	Y		

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Contra Costa	240629	New Commitment	Widen Bolinger Canyon Road from Alcosta to San Ramon Valley Boulevard	Y			Y	Yes
Contra Costa	240637	New Commitment	Enhance streetscape on 23rd Street in Richmond to encourage bicycle and pedestrian use	Y				
Contra Costa	240640	New Commitment	Make landside improvements for Richmond ferry service, includes expanded parking	Y				
Contra Costa	240641	New Commitment	Construct eastbound HOV lane on I-80 from Cummings Skyway to Carquinez Bridge (See Bay Area Region/Multi-County Project #230657)		Y			
Contra Costa	240649	New Commitment	Add 450 space parking structure to serve Hercules Rail Station and the Ferry Terminal		Y			
Contra Costa	240656	New Commitment	Widen bridge at Church Lane over San Pablo Creek	Y				
Contra Costa	240706	New Commitment	Purchase rolling stock for enhanced AC Transit service	Y				
Contra Costa	240707	New Commitment	Implement Computer Aided Dispatch Upgrades for AC Transit			Y		
Contra Costa	240708	New Commitment	Close gaps and develop three major trails in Alameda County, includes Iron Horse, Bay Trail, and East Bay Greenway Project)	Y				
Contra Costa	240725	New Commitment	Rehabilitate transit vehicles			Y		
Contra Costa	240738	Committed	Martinez Rail Corridor Improvements			Y	Y	
Marin	21306	New Commitment	Improve interchange at U.S. 101/Lucas Valley Road - project development	Y				
Marin	21325	New Commitment	Improve U.S. 101 Greenbrae/Twin Cities Corridor (includes modifying access ramps, new bus stops, improving transit stops and facilities, and adding pedestrian/bicycle facilities)	Y			Y	
Marin	98154	Committed	Implement Marin Sonoma Narrows Stage 1 (Marin County)	Y			Y	
Marin	98179	New Commitment	Improve U.S. 101/Tiburon Boulevard interchange - project development	Y				
Marin	230105	New Commitment	Replace Pacific Way Bridge	Y			Y	
Marin	230252	New Commitment	Improve local transit frequencies and service spans in Marin County			Y	Y	
Marin	230422	New Commitment	Install traffic signal and modify roadway at the intersection of Anderson Drive/East Sir Francis Drake Boulevard			Y		
Marin	240005	New Commitment	Implement local air quality and climate protection strategies countywide			Y		
Marin	240034	New Commitment	Construct Golden Gate Multi-modal Transfer Facility at Larkspur Ferry Terminal			Y	Y	
Marin	240039	New Commitment	Widen Novato Boulevard between Diablo Avenue and Grant Avenue			Y	Y	Yes
Marin	240041	New Commitment	Improve Downtown Novato Transit Facility	Y				
Marin	240043	New Commitment	Expand Marin Transit's Automated Vehicle Location (AVL) and real time system			Y		
Marin	240044	New Commitment	Construct multi-modal transit hubs/green mobility hubs	Y				
Marin	240045	New Commitment	Enhance facilities for Muir Woods Shuttle and West Marin Stagecoach	Y				
Marin	240078	New Commitment	Implement new technologies to manage transit systems			Y		
Marin	240456	New Commitment	Improve the intersection at Sir Francis Drake Boulevard/Red Hill Avenue/Center Boulevard (known as "The Hub") - project development			Y		
Marin	240552	New Commitment	Construct multi-use pathway connecting Calpark tunnel and the Ferry Terminal in Larkspur	Y			Y	
Marin	240644	New Commitment	Implement senior mobility program countywide (includes free transit passes for seniors, safe routes, subsidized rides and volunteer ride program)			Y		
Marin	240660	New Commitment	Improve local arterials parallel to U.S. 101 and I-580			Y		
Marin	240662	New Commitment	Implementation of Station Area Plans in anticipation of SMART			Y		
Marin	240678	New Commitment	Implement bicycle and pedestrian improvements countywide including Safe Routes to School elements			Y	Y	
Marin	240691	New Commitment	Marin Sonoma Narrows HOV Lane and corridor improvements			Y		Yes
Marin	240712	New Commitment	Implement regional planning policies			Y		
Marin	240713	New Commitment	Evaluate multi-modal options including trolley, Ross Valley to San Rafael			Y		
Marin	240714	New Commitment	Local streets and roads operations and maintenance			Y	Y	
Marin	240715	New Commitment	Implement One Bay Area Grant Pilot Priority Conservation Area improvements			Y	Y	
Marin	240723	New Commitment	Transit operations and maintenance			Y	Y	
Marin	240724	New Commitment	Transit Capital			Y	Y	
Marin	240729	New Commitment	U.S. 101 Gap Closure - San Rafael			Y	Y	

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Napa	22417	New Commitment	Implement Napa County's Safe Routes to School program	Y	Y	
Napa	22744	New Commitment	Improve traffic signalization countywide	Y		
Napa	22746	New Commitment	Construct round-a-bouts between California Blvd and Freeway Drive on First Street	Y	Y	
Napa	94073	New Commitment	Construct new southbound Route 221 to southbound Route 29 flyover, including auxiliary lane to Route 12/Route 29	Y	Y	
Napa	94075	New Commitment	Construct interchange at intersection of Route 12/Route 29/Airport Road	Y	Y	
Napa	230378	New Commitment	Construct curb cuts and accessibility improvements in St. Helena	Y		
Napa	230381	New Commitment	Improve signalization along Main Street from Sulpher Springs to Mills Lane in St. Helena	Y	Y	
Napa	230392	New Commitment	Extend Devlin Road from Airport Boulevard to Green Island Road	Y	Y	
Napa	230508	New Commitment	Construct corridor improvements in Yountville	Y		
Napa	230510	New Commitment	Construct Madison Ave. bypass to Route 29 in Yountville	Y	Y	Yes
Napa	230518	New Commitment	Improve intersection at Petrified Forest Road/Route 128	Y	Y	
Napa	230695	New Commitment	Local streets and roads operations and maintenance	Y	Y	
Napa	240057	New Commitment	Construct corridor improvements along Route 29	Y	Y	
Napa	240082	New Commitment	Reconfigure northbound Route 29 off-ramp at Lincoln Avenue	Y	Y	
Napa	240083	New Commitment	Construct a bicycle and pedestrian undercrossing along Napa Creek	Y	Y	
Napa	240085	New Commitment	Construct intersection improvements at Silverado Trail/Third Street/Coombsville Road/East Avenue	Y		
Napa	240123	New Commitment	Rehabilitate Green Island Road	Y		
Napa	240136	New Commitment	Widen intersection at Napa Junction Road/Route 29	Y		
Napa	240152	New Commitment	Implement lighted crosswalks at five intersections in St. Helena	Y		
Napa	240612	New Commitment	Build out countywide primary bicycle network	Y	Y	
Napa	240617	New Commitment	Create new road and transit configuration on Route 29 through American Canyon with connectivity to the Vallejo Ferry, including BRT, potential HOV, and other roadway innovations	Y		
San Francisco	21510	Committed	Extend the Third Street light rail line from north of King Street to Clay Street in Chinatown via a new Central Subway, including the purchase of light-rail vehicles	Y	Y	Yes
San Francisco	21549	New Commitment	Implement Bayview Transportation Improvements	Y	Y	
San Francisco	22415	New Commitment	Extend historic streetcar service from Fort Mason along Fisherman's Wharf to Caltrain Station	Y	Y	Yes
San Francisco	22512	Committed	Provide capital improvements to support ferry service between Treasure Island to San Francisco	Y	Y	Yes
San Francisco	98593	New Commitment	Implement Sfgo Integrated Transportation Management System	Y	Y	
San Francisco	230161	New Commitment	Implement Bus Rapid Transit (BRT) on Van Ness Avenue from Mission Street to Lombard Street	Y	Y	Yes
San Francisco	230164	New Commitment	Implement Bus Rapid Transit (BRT) on Geary Boulevard from Van Ness Avenue to 33rd Avenue	Y	Y	Yes
San Francisco	230490	New Commitment	Re-build and widen Harney Way to 8-lanes	Y	Y	Yes
San Francisco	230555	Committed	Reconstruct ramps on the east side of the San Francisco-Oakland Bay Bridge's Yerba Buena Island tunnel	Y	Y	
San Francisco	240147	New Commitment	Implement Southeast Waterfront Transportation Improvements - Phase 1	Y	Y	Yes
San Francisco	240155	New Commitment	Implement Better Market Street - Transportation Elements	Y	Y	Yes
San Francisco	240158	New Commitment	Implement EN TRIPS Circulation & Streetscape Improvement Projects - Phase 1 Transportation Improvements without Transit Effectiveness Project Recommended	Y		
San Francisco	240163	New Commitment	Implement Hunters Point Shipyard and Candlestick Point Local Roads Phase 1	Y	Y	
San Francisco	240171	New Commitment	Implement San Francisco's Transit Effectiveness Project (TEP)	Y	Y	Yes
San Francisco	240182	New Commitment	Implement BART Metro Program in San Francisco	Y	Y	Yes
San Francisco	240259	New Commitment	Construct Mission Bay Loop	Y		
San Francisco	240309	New Commitment	Expand SFMTA transit fleet	Y	Y	
San Francisco	240328	New Commitment	Implement Geneva Transit Preferential Streets (TPS) improvements on Geneva Avenue from Ocean Avenue to Prague (includes BRT on Geneva Avenue from Prague to U.S. 101 interchange)	Y	Y	Yes

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San Francisco	240334	New Commitment	Construct Southern Intermodal Terminal and extend MUNI T-Line from Bayshore/Sunnydale to Caltrain Bayshore Station	Y			Yes
San Francisco	240344	New Commitment	Expand Spikard	Y		Y	Yes
San Francisco	240349	New Commitment	Widen I-280/Mariposa off-ramp	Y			Yes
San Francisco	240358	New Commitment	Implement Mission Bay New Roadway Network	Y		Y	Yes
San Francisco	240370	New Commitment	Implement HOPE SF Street Grid Phase 1	Y		Y	Yes
San Francisco	240399	Committed	Implement Parkmerced Street Network (includes a new street network, traffic calming, pedestrian improvements, biking improvements, streetscape improvements, and transit/shuttle stops)		Y	Y	Yes
San Francisco	240400	Committed	Implement Treasure Island/Verba Buena Island Street Network (includes a new street network, traffic calming, pedestrian improvements, biking improvements, streetscape improvements, and transit/shuttle stops)		Y	Y	Yes
San Francisco	240415	New Commitment	Establish new ferry terminal at Mission Bay 16th Street	Y			
San Francisco	240471	New Commitment	Implement transit enhancements (including ADA compliance, directional signage, real-time arrival information, mobility and access improvements, passenger shelters, bus bulbs, informational kiosks, and other passenger amenities)		Y	Y	
San Francisco	240474	New Commitment	Implement San Francisco's Local Air Quality and Climate Protection strategies		Y		
San Francisco	240476	New Commitment	Plan for and expand parking management measures (includes demand based/variable pricing system for auto parking and parking cash out)		Y	Y	
San Francisco	240483	New Commitment	Enhance highways in San Francisco (includes signs and landscaping)		Y		
San Francisco	240486	New Commitment	Expand bicycle and pedestrian facilities		Y	Y	
San Francisco	240487	Committed	Rehabilitate Fort Mason and Presidio Ferry Piers				
San Francisco	240488	New Commitment	Enhance bicycle and pedestrian facilities		Y	Y	
San Francisco	240490	New Commitment	Local streets and roads operations and maintenance		Y	Y	
San Francisco	240493	New Commitment	Implement safety improvements on local roads		Y	Y	
San Francisco	240523	New Commitment	Implement HOV Lanes on U.S. 101 in San Francisco - Planning, Preliminary Engineering, and Environmental	Y		Y	
San Francisco	240525	New Commitment	Construct HOV Ramp on I-280 and 6th Street - Planning, Preliminary Engineering, and Environmental	Y		Y	
San Francisco	240526	New Commitment	Transit Performance Initiative: Implement improvements to improve transit efficiency and performance at key intersections or choke points	Y		Y	Yes
San Francisco	240533	New Commitment	Rehabilitate bicycle and pedestrian facilities		Y	Y	
San Francisco	240534	New Commitment	Rehabilitate local bridges		Y	Y	
San Francisco	240536	New Commitment	Implement Transit Management Systems in San Francisco (includes fare management, transit GPS tracking systems)		Y	Y	
San Francisco	240537	New Commitment	Install transit safety and security improvements		Y		
San Francisco	240541	New Commitment	Maintain transit operations		Y	Y	
San Francisco	240542	New Commitment	Manage freeways and expressways in San Francisco (includes non-ITS elements, performance monitoring, and corridor studies)		Y		
San Francisco	240543	New Commitment	Modify local road intersections (includes safety upgrades, signalization, and realignment)		Y		
San Francisco	240544	New Commitment	Implement San Francisco's Lifeline Transportation program		Y	Y	
San Francisco	240545	Committed	Extend light rail corridor into Parkmerced development project, add three new light rail stations and facilities, and add tail track and operator support facilities		Y	Y	Yes
San Francisco	240546	Committed	Construct Treasure Island Bus Terminal Facility	Y		Y	
San Francisco	240551	New Commitment	Implement Road Diets for Bike Plan (includes conversion of traffic lanes for bicycle network improvements)	Y			
San Francisco	240557	New Commitment	Oakdale Caltrain Station - Planning, Preliminary Engineering, and Environmental	Y		Y	Yes
San Francisco	240606	New Commitment	Conduct local planning studies and outreach		Y		

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San Francisco	240681	New Commitment	Implement Transportation Demand Management (TDM) measures			Y
San Francisco	240728	New Commitment	Implement San Francisco congestion pricing programs (includes Treasure Island Congestion Pricing and cordon pricing)			Y
San Francisco	240730	Committed	San Francisco Pricing Program: Mobility Improvements (includes transit-capital and maintenance improvements)			Y
San Mateo	21602	New Commitment	Reconstruct U.S. 101/Broadway interchange	Y		Y
San Mateo	21603	New Commitment	Improve U.S. 101/Woodside Road interchange		Y	Y
San Mateo	21604	New Commitment	Add northbound and southbound modified auxiliary lanes on U.S. 101 from Oyster Point to San Francisco County line	Y		Y
San Mateo	21606	New Commitment	Reconstruct U.S. 101/Willow Road interchange	Y		Y
San Mateo	21607	Committed	Modify University Avenue overcrossing of U.S. 101 to improve operational efficiency and safety (includes widening of overcrossing, constructing new southbound off-ramp and auxiliary lane, and adding bicycle lanes)	Y		Y
San Mateo	21608	Committed	Construct auxiliary lanes (one in each direction) on U.S. 101 from Marsh Road to Embarcadero Road	Y		Y
San Mateo	21609	New Commitment	Improve local access at I-280/I-380 from Sneath Lane and San Bruno Avenue to I-380			Y
San Mateo	21612	New Commitment	Improve access to and from the west side of Dumbarton Bridge on Route 84 connecting to U.S. 101, includes flyovers, interchange improvements, and conversion of Willow Road between Route 84 and U.S. 101 to expressway		Y	Y
San Mateo	21613	New Commitment	Widen Route 92 between San Mateo-Hayward Bridge to I-280, includes uphill passing lane from U.S. 101 to I-280		Y	Y
San Mateo	21615	New Commitment	Modify and reconstruct I-280/Route 1 interchange in northbound and southbound directions, including braided ramps		Y	Y
San Mateo	21624	New Commitment	Implement incentive program to support transit-oriented development			Y
San Mateo	21892	New Commitment	Widen Woodside Road from 4-lanes to 6-lanes from El Camino to Broadway, includes adding shoulders		Y	Y
San Mateo	21893	New Commitment	Widen Route 92 between Half Moon Bay city limits and Pilarcitos Creek alignment, includes widening of travel lanes and shoulders		Y	Y
San Mateo	22120	New Commitment	Provide ferry service from Redwood City to San Francisco	Y		Y
San Mateo	22226	New Commitment	Create intermodal transit center at the Caltrain Bayshore Station, includes cross platform transfers with 3rd Street light-rail at Caltrain Bayshore station and bus rapid transit and bus connections	Y		Y
San Mateo	22227	New Commitment	Construct a 6-lane arterial from Geneva Avenue/Bayshore Boulevard intersection to U.S. 101/Candlestick Point interchange	Y		Y
San Mateo	22229	Committed	Reconstruct U.S. 101/Sierra Point Parkway interchange (includes extension of Lagoon Way to U.S. 101)		Y	Y
San Mateo	22230	New Commitment	Add auxiliary lane in each direction on I-280 between Westborough and Hickey Boulevard		Y	Y
San Mateo	22232	Committed	Construct streetscape improvements on Mission Street (Route 82) from John Daly Boulevard to San Pedro Road			Y
San Mateo	22261	New Commitment	Replace San Pedro Creek Bridge on Route 1	Y		Y
San Mateo	22268	New Commitment	Provide connecting shuttle service between Caltrain stations and major activity centers			Y
San Mateo	22271	New Commitment	Widen Skyline Boulevard (Route 35) to 4-lane roadway from I-280 to Sneath Lane		Y	Y
San Mateo	22274	New Commitment	Install an Intelligent Transportation System (ITS) and a Traffic Operation System countywide		Y	Y
San Mateo	22279	New Commitment	Construct new interchange at U.S. 101/Produce Avenue		Y	Y
San Mateo	22282	New Commitment	Improve operations at U.S. 101 near Route 92		Y	Y
San Mateo	22726	Committed	Implement ferry service between South San Francisco and Alameda/Oakland	Y		Y
San Mateo	22751	New Commitment	Improve safety on Route 1, including adding protected left and right turn lanes at Route 1, adding through lanes on Route 1 at signalized intersections, and constructing new pedestrian/bicycle path	Y		Y

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County	Reference Number	Investment Type	Project Description	Complete and Operational By:			Regionally Significant
				2020	2030	2040	
San Mateo	22756	New Commitment	Reconstruct U.S. 101/Candlestick Point interchange to full all-directional interchange	Y		Y	Y
San Mateo	94644	New Commitment	Construct a westbound slow vehicle lane on Route 92 between Route 35 and I-280		Y		Y
San Mateo	98204	New Commitment	Construct Route 1 (Calera Parkway) northbound and southbound lanes from Fessler Avenue to Westport Drive in Pacifica	Y		Y	Y
San Mateo	230417	Committed	Modify U.S. 101/Holly Street interchange (includes widening eastbound to northbound loop to 2 lanes and eliminating northbound to westbound loop)	Y			Y
San Mateo	230428	Committed	Extend Blomquist Street over Redwood Creek to East Bayshore and Bair Island Road			Y	Y
San Mateo	230430	New Commitment	Implement bicycle/pedestrian enhancements in San Mateo County		Y		Y
San Mateo	230434	New Commitment	Implement local circulation improvements and traffic management programs countywide		Y		Y
San Mateo	230592	Committed	Improve streetscape and traffic calming along Bay Road, and construct new northern access connection between Demeter Street and University Avenue	Y			
San Mateo	230697	New Commitment	Local streets and roads operations and maintenance			Y	Y
San Mateo	230704	Committed	Make Route 92 operational improvements to Chess Drive on- and off-ramps	Y			
San Mateo	240026	New Commitment	Add new rolling stock and infrastructure to support SamTrans bus rapid transit along El Camino Real from Palo Alto to Daly City	Y			
San Mateo	240027	Committed	Implement supporting infrastructure and Automated Transit Signal Priority to support SamTrans express rapid bus service along El Camino Real from Palo Alto to Daly City	Y			Yes
San Mateo	240028	New Commitment	Make incremental increase in SamTrans paratransit service			Y	
San Mateo	240060	New Commitment	Modify existing lanes on U.S. 101 from Whipple to County line to accommodate HOV/T lane		Y		
San Mateo	240064	New Commitment	Implement grade separations at select locations in San Mateo County			Y	Y
San Mateo	240067	Committed	Widen overcrossing at Manor Drive over Route 1 to improve safety (includes installing traffic signals at both end of the overcrossing and new on-ramp for northbound Route 1 at Milagra Drive)			Y	Yes
San Mateo	240084	New Commitment	Implement San Mateo County's Safe Routes to Schools Program			Y	
San Mateo	240086	New Commitment	Implement San Mateo County's Transportation for Livable Communities Program			Y	Y
San Mateo	240087	New Commitment	Implement non-capacity increasing local road intersection modifications and channelization countywide			Y	
San Mateo	240114	Committed	Implement operational and safety improvements on Route 1 between Half Moon Bay and Pacifica (includes acceleration lanes, deceleration lanes, turn lanes, bike lanes and enhanced crossings)			Y	
San Mateo	240115	Committed	Extend California Drive north to the intersection of Victoria Avenue and El Camino Real in Millbrae	Y			Yes
San Mateo	240133	Committed	Widen Millbrae Avenue between Rollins Road and U.S. 101 southbound on-ramp and resurface intersection of Millbrae Avenue and Rollins Road	Y			
San Mateo	240142	Committed	Implement intersection and signalization improvements at the Callan Boulevard/Serramonte Boulevard and Lake Merced Boulevard/Southgate Avenue intersections			Y	
San Mateo	240143	Committed	Construct new multi-purpose pedestrian/bicycle overcrossing across U.S. 101, north of and adjacent to existing Millbrae Avenue Bridge across U.S. 101	Y			Y
San Mateo	240160	New Commitment	Construct southbound on- and off-ramps to U.S. 101 at Peninsula Avenue to add on and off ramps from southbound U.S. 101			Y	Yes
San Mateo	240161	New Commitment	Provide overcrossing at I-280/John Daly Boulevard		Y		Yes
San Mateo	240169	Committed	Implement adaptive signal system between I-280 and Santa Cruz Avenue	Y			
San Mateo	240174	Committed	Implement signal interconnect between signals on Willow Road from Middlefield Avenue to Bay Road	Y			Yes
San Mateo	240176	Committed	Widen Triton Drive between Foster City Boulevard and Pilgrim Drive	Y			
San Mateo	240346	New Commitment	Implement Redwood City Street Car			Y	
San Mateo	240511	New Commitment	Implement Transportation Environmental Enhancements countywide			Y	Y
San Mateo	240590	New Commitment	Implement a complete streets design for Mission Street/El Camino Real as part of Grand Boulevard Initiative			Y	Y
Santa Clara	21702	New Commitment	Improve interchange at U.S. 101/Buena Vista Avenue		Y		

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County	Reference Number	Investment Type	Project Description	Complete and Operational By:	2015 TIP	Regionally Significant
				2020	2030	
Santa Clara	21704	New Commitment	Improve I-280 downtown access between 3rd Street and 7th Street			
Santa Clara	21714	New Commitment	Widen U.S. 101 from Monterey Street to Route 129 - project development	Y	Y	Yes
Santa Clara	21722	New Commitment	Improve interchange at U.S. 101 southbound Trimble Road/De la Cruz Boulevard/Central Expressway		Y	Y
Santa Clara	21754	New Commitment	Implement Valley Transportation Authority (VTA) soundwall program		Y	Y
Santa Clara	21760	New Commitment	Double-track segments of the Caltrain line between San Jose and Gilroy		Y	
Santa Clara	21785	New Commitment	Widen interchange at U.S. 101/Blossom Hill Road	Y		Yes
Santa Clara	21786	New Commitment	Widen interchange at U.S. 101/Hellyer Avenue	Y	Y	
Santa Clara	21787	Committed	Expand the Palo Alto Caltrain Station and Bus Transit Center	Y		
Santa Clara	21790	Committed	Provide Santa Clara Valley Transportation Authority's (VTA) share of funds for additional train sets, passenger facilities and service upgrades for the ACE service from San Joaquin and Alameda counties		Y	
Santa Clara	21922	New Commitment	Implement Mineta San Jose International Airport APM connector		Y	Yes
Santa Clara	22010	New Commitment	Construct second exit lane on I-280 to Foothill Expressway	Y		Yes
Santa Clara	22118	New Commitment	Extend Hill Road from East Main Avenue to Peet Avenue		Y	Yes
Santa Clara	22134	Committed	Construct a lane on southbound U.S. 101 using the existing median from south of Story Road to Yerba Buena Road; modify the U.S. 101/Tully road interchange to a partial cloverleaf		Y	
Santa Clara	22156	New Commitment	Improve connector ramp at Route 85 northbound to Route 237 eastbound (includes widening off-ramp from Route 85 to Route 237 eastbound, constructing auxiliary lane on Route 237 eastbound between Route 85 on-ramp to Middlefield Road; constructing off-ramp on Route 237 eastbound between Route 85 and Dana Street)	Y		Yes
Santa Clara	22164	New Commitment	Construct Route 237 westbound on-ramp from Middlefield Road to Route 237 westbound	Y		
Santa Clara	22175	New Commitment	Widen Almaden Expressway from Coleman Avenue to Blossom Hill Road		Y	Yes
Santa Clara	22179	New Commitment	Widen Central Expressway from 4-lanes to 6-lanes between Lawrence Expressway and San Tomas Expressway		Y	Yes
Santa Clara	22180	New Commitment	Construct auxiliary lanes on Central Expressway between Lawrence Expressway and Mary Avenue	Y		Y
Santa Clara	22186	New Commitment	Widen San Tomas Expressway to 8-lanes between Route 82 to Williams Road		Y	Yes
Santa Clara	22246	Committed	Implement bicycle and pedestrian improvements on Blossom Hill Road	Y		
Santa Clara	22809	New Commitment	Realign intersection at DeWitt Avenue/Sunnyside Avenue	Y		
Santa Clara	22811	New Commitment	Improve railroad crossing at Church Avenue/Monterey Highway (includes adjusting grade)	Y		
Santa Clara	22814	New Commitment	Extend deceleration lane on Foothill Expressway	Y		
Santa Clara	22822	New Commitment	Implement expressway traffic information and advisory systems (includes installation of electronic information changeable message signs, advisory radio, cable TV feeds and web page to provide real time traffic information)	Y		
Santa Clara	22829	New Commitment	Improve intersection at Fitzgerald Avenue (includes construction of a left-turn lane to Fitzgerald Avenue and bike lanes and sidewalks)	Y		
Santa Clara	22839	Committed	Convert the HOV lane on Central Expressway between Sam Tomas and De La Cruz to a general purpose lane	Y		
Santa Clara	22843	New Commitment	Widen Lawrence Expressway from Moorpark Avenue/Bollinger Road to south of Calvert Drive		Y	Yes
Santa Clara	22845	New Commitment	Construct auxiliary lane on southbound U.S. 101 from Ellis Street to eastbound Route 237	Y		Yes
Santa Clara	22854	New Commitment	Improve interchange at Oregon-Page Mill/I-280	Y		Y
Santa Clara	22873	New Commitment	Improve circulation on Foothill Expressway and widen Loyola Bridge	Y		
Santa Clara	22878	New Commitment	Realign Wildwood Avenue to connect with Lawrence Expressway (includes new traffic signal at Lawrence Expressway/Wildwood Avenue intersection)	Y		
Santa Clara	22883	New Commitment	Close median and right-in-and-out access on Lawrence Expressway at De Soto Avenue, Golden State Drive, Granada Avenue, Lillicek Drive, Buckley Street, and St. Lawrence/Lawrence Station on-ramp	Y		

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Santa Clara	22895	New Commitment	Implement operational interchange improvements at San Tomas Expressway/Route 17		Y		
Santa Clara	22910	New Commitment	Implement intelligent Transportation System (ITS) facilities on the Santa Teresa Boulevard-Hale Avenue corridor between Day Road and Castro Valley Road	Y			
Santa Clara	22932	New Commitment	Add turn lane on Watsonville Road Center	Y			
Santa Clara	22944	Committed	Widen I-880 for HOV lanes in both directions from Route 237 in Milpitas to U.S. 101 in San Jose	Y			
Santa Clara	22956	New Commitment	Extend Capitol Expressway light rail to Eastridge Transit Center - Phase II	Y		Y	Yes
Santa Clara	22965	New Commitment	Improve interchange at U.S. 101/Mabury Road/Taylor Street		Y	Y	
Santa Clara	22979	New Commitment	Improve interchange at U.S. 101/Zanker Road/Skyport Drive/Fourth Street		Y	Y	
Santa Clara	98119	Committed	Extend light-rail transit from Winchester Station to Route 85 (Vasona Junction)	Y		Y	Yes
Santa Clara	230200	New Commitment	Extend Autumn Parkway from Julian Street to San Carlos Street and implement improvements from St. John Street to Park Avenue	Y		Y	
Santa Clara	230201	New Commitment	Widen Coleman Avenue from 4-lanes to 6-lanes between I-880 and Taylor Street	Y		Y	Yes
Santa Clara	230210	New Commitment	Rehabilitate San Tomas Expressway Box Culvert	Y		Y	
Santa Clara	230234	New Commitment	Realign Marcella Avenue		Y		
Santa Clara	230235	New Commitment	Extend Center Avenue to Marcella Avenue (includes constructing a bridge over Llagas Creek)		Y		Yes
Santa Clara	230242	New Commitment	Implement Capitol Expressway Traffic Operations System (TOS)	Y		Y	
Santa Clara	230246	New Commitment	Improve intersection at Lawrence Expressway/Prospect Road (includes providing a second left turn lane from Prospect Road eastbound to Lawrence Expressway northbound and modify existing traffic signals)	Y			
Santa Clara	230251	New Commitment	Implement Expressway TOS infrastructure improvements		Y	Y	
Santa Clara	230255	New Commitment	Implement signal improvements on Santa Teresa Boulevard and San Martin Avenue	Y			
Santa Clara	230262	New Commitment	Improve interchange at Montague Expressway/U.S. 101	Y		Y	
Santa Clara	230265	New Commitment	Improve grade intersection at Montague Expressway/Mission College Boulevard		Y		
Santa Clara	230266	New Commitment	Implement traffic signal improvements on Santa Teresa Boulevard and Tilton Avenue	Y			
Santa Clara	230267	Committed	Widen Montague Expressway to 8-lanes for HOV lanes between Lick Mill and Trade Zone boulevards and on Guadalupe River Bridge and Penitencia Creek Road	Y			
Santa Clara	230269	Committed	Construct a new interchange at Trimble Road and Montague Expressway	Y			
Santa Clara	230273	New Commitment	Widen Montague Expressway between Trade Zone and I-680	Y		Y	Yes
Santa Clara	230284	Committed	Montague Expressway & McCarthy/D Toole Interchange Improvements		Y		
Santa Clara	230286	New Commitment	Implement bicycle and pedestrian improvements on Lawrence Expressway/Doyle Road	Y			
Santa Clara	230292	New Commitment	Implement Expressway and Cross Street signal coordination	Y			
Santa Clara	230294	Committed	Conduct environmental and design studies to widen and create new alignment for Route 152 (from Route 156 to U.S. 101)	Y		Y	
Santa Clara	230332	New Commitment	Construct grade separation at Rengstroff Avenue	Y			
Santa Clara	230356	Committed	Construct interchange at Lawrence Expressway and Arques Avenue		Y		
Santa Clara	230363	Committed	Construct interchange at I-880 and Montague Expressway (includes improvements to Montague Expressway)	Y		Y	
Santa Clara	230370	New Commitment	Improve interchange at I-680/Montague Expressway	Y			
Santa Clara	230385	New Commitment	Implement Palo Alto Street Smarts program	Y		Y	
Santa Clara	230407	New Commitment	Widen off-ramp at southbound Route 17/Hamilton Avenue	Y			Yes
Santa Clara	230410	New Commitment	Construct auxiliary lane on southbound U.S. 101 from Great America Parkway to Lawrence Expressway	Y			
Santa Clara	230411	New Commitment	Construct auxiliary lane on eastbound Route 237 from Mathilda Avenue to Fair Oaks Avenue	Y			Yes
Santa Clara	230425	New Commitment	Improve interchange at Route 87/Capitol Expressway/Narvaer Avenue	Y			Yes
Santa Clara	230445	New Commitment	Implement capacity increasing improvements at the intersection of Great America Parkway/Mission College Boulevard	Y			

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Santa Clara	230449	Committed	Extend Charcot Avenue over I-880 as a new 2-lane roadway with bicycle and pedestrian improvements to connect to North San Jose employment center	Y		Y
Santa Clara	230452	New Commitment	Implement couplet conversion projects in downtown San Jose (includes converting one-way couplets to two-way, reducing lanes, and adding bike lanes along 10th Street/11th Street, Almaden Avenue/Vine Street, and 2nd Street/3rd Street)	Y		Y
Santa Clara	230456	Committed	Widen Zanker Road from 4-lanes to 6-lanes	Y		
Santa Clara	230457	New Commitment	Widen Oakland Road from 4-lanes to 6-lanes between U.S. 101 and Montague Expressway	Y		
Santa Clara	230466	New Commitment	Construct Caltrain grade separation at Branham Lane	Y		Yes
Santa Clara	230471	Committed	Widen intersections and improve sidewalks throughout the city of Sunnyvale	Y		
Santa Clara	230492	New Commitment	Improve interchange at U.S. 101/Old Oakland Road	Y		
Santa Clara	230531	Committed	Construct auxiliary lanes on U.S. 101 in Mountain View and Palo Alto, from Route 85 to Embarcadero Road	Y		
Santa Clara	230532	Committed	Improve interchange at Route 237/North 1st Street	Y		
Santa Clara	230539	New Commitment	Implement Sunnyvale Downtown Specific Plan Transportation Improvements (includes intersection and streetscape enhancements, bikeways, signal improvements, and roadway reconfiguration)	Y		
Santa Clara	230574	Committed	Improve the Route 85/Cottle Road interchange	Y		
Santa Clara	230580	New Commitment	Improve interchange at Route 237/El Camino Real/Grant Road	Y		
Santa Clara	230637	New Commitment	Rehabilitate San Carlos Street Bridge	Y		
Santa Clara	230638	New Commitment	Construct Caltrain grade separation at Skyway	Y		
Santa Clara	230641	Committed	Implement bicycle and pedestrian improvements in North San Jose	Y		
Santa Clara	230642	New Commitment	Implement improvements on Bird Avenue pedestrian corridor	Y		
Santa Clara	230643	New Commitment	Implement improvements on Neiman Pedestrian Overcrossing	Y		
Santa Clara	230644	Committed	Implement miscellaneous intersection improvements in North San Jose	Y		Y
Santa Clara	230645	Committed	Implement improvements to the North First Street Core Area grid	Y		Y
Santa Clara	230705	Committed	Debt Service Payments	Y		
Santa Clara	240063	New Commitment	Improve Caltrain terminal at San Jose Diridon Station	Y		
Santa Clara	240117	Committed	Implement Rapid Transit improvements in the Santa Clara/Alum Rock route (includes dedicated guideways, signal prioritization, ticket vending machines, premium stations, real-time information, and specialized vehicles)	Y		Y
Santa Clara	240118	New Commitment	Implement Stevens Creek Rapid Transit Project	Y		Yes
Santa Clara	240119	New Commitment	Implement El Camino Rapid Transit Project	Y		Y
Santa Clara	240159	Committed	Implement King Road Rapid Transit Project	Y		Yes
Santa Clara	240374	Committed	Extend BART to Berryessa (includes environmental, preliminary engineering, property acquisition and construction phases)	Y		Y
Santa Clara	240375	New Commitment	Extend BART from Berryessa to San Jose/Santa Clara (Phase 2)		Y	Y
Santa Clara	240376	New Commitment	Implement improvements on Hacienda Avenue between Winchester Boulevard and San Tomas Aquino Road	Y		
Santa Clara	240377	New Commitment	Widen McClellan Road for bike lanes between Foothill Boulevard and Byrne Avenue	Y		
Santa Clara	240379	New Commitment	Extend Buena Vista Avenue from Santa Teresa Boulevard to Monterey Road	Y		
Santa Clara	240385	New Commitment	Construct 4-lane bridge across Uvas Creek to allow the extension of Tenth Street to Santa Teresa Boulevard (Glen Loma Development)	Y		Yes
Santa Clara	240398	New Commitment	Widen Los Gatos Boulevard from Camino Del Cerro to Samaritan Drive	Y		Yes
Santa Clara	240403	New Commitment	Widen Dixon Landing Road from 4-lanes to 6-lanes between North Milpitas Boulevard and I-880	Y		Yes
Santa Clara	240404	New Commitment	Widen Calaveras Boulevard overpass from 4-lanes to 6-lanes	Y		Y
Santa Clara	240405	New Commitment	Improve intersection at Dixon Landing Road/Milpitas Boulevard	Y		Yes

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County	Reference Number	Investment Type	Project Description	Complete and Operational By:			Regionally Significant
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Santa Clara	240408	New Commitment	Extend Butterfield Boulevard North (includes 4-lane arterial, bike lanes, sidewalks, lighting and signal modification)	Y			Yes
Santa Clara	240411	New Commitment	Implement improvements on Santa Teresa Boulevard between Main Avenue and DeWitt Avenue	Y			
Santa Clara	240412	New Commitment	Extend Butterfield Boulevard South between Tennant Avenue and Watsonville Road (includes UPRR overpass structure, drainage channel, traffic signal upgrades, striping, median and landscaping, street lights, bike lanes and sidewalks)	Y			Yes
Santa Clara	240414	New Commitment	Improve intersection at Miramonte Avenue/Park Drive		Y		
Santa Clara	240419	New Commitment	Upgrade Saratoga Signal System	Y			
Santa Clara	240425	New Commitment	Widen Intersection at El Camino Real/Lafayette Street	Y			
Santa Clara	240427	New Commitment	Implement pedestrian safety improvements on Route 9	Y			Y
Santa Clara	240428	New Commitment	Implement Saratoga Signal Upgrade Project Phase II (includes providing traffic management system at Saratoga City Hall and communication equipment to all upgraded signals)	Y			
Santa Clara	240430	New Commitment	Implement streetscale improvements on Prospect Road between Saratoga Avenue and Saratoga-Sunnyvale Road	Y			
Santa Clara	240434	New Commitment	Implement sidewalk and pedestrian enhancements on Saratoga Avenue		Y		
Santa Clara	240436	New Commitment	Improve southbound U.S. 101 between San Antonio Road to Carlestown Road/Rengstorff Avenue		Y		
Santa Clara	240439	Committed	Route 85 express lanes between Route 87 and I-280; Convert HOV lane to express lane between U.S. 101 and I-280; Convert HOV lane and construct additional express lane between I-280 and Route 87; Convert HOV lane to express lane between Route 87 and southbound U.S. 101; Construct 1.1 mile auxiliary lane between South De Anza Boulevard northbound on-ramp and Stevens Creek Boulevard northbound off-ramp (included under VTA Express Lane Network RTPID #240742)	Y		Y	Yes
Santa Clara	240441	New Commitment	Improve interchange at U.S. 101/Oregon Expressway/Embarcadero Road		Y		
Santa Clara	240443	New Commitment	Extend Mary Avenue north across Route 237 (includes reconfiguring the Mathilda Avenue/U.S. 101 interchange, re-routing Moffett Park Drive and modifying the Route 237 eastbound/Mathilda Avenue northbound flyover)	Y		Y	Yes
Santa Clara	240463	Committed	Convert Route 237 HOV lanes to express lanes between North First Street and I-880 (included under VTA Express Lane Network RTPID #240742)		Y		Yes
Santa Clara	240464	Committed	Express Lane Network RTPID #240742)	Y			
Santa Clara	240466	Committed	U.S. 101 express lanes between Whipple Avenue and Cochrane Road; Convert HOV lane to express lane between Whipple Avenue (in San Mateo County) and Santa Clara County line; Convert HOV lane into express lane and construct additional express lane between Santa Clara County line and Cochrane Road (included under VTA Express Lane Network RTPID #240742)	Y		Y	Yes
Santa Clara	240468	New Commitment	Improve connector ramp at Route 237 westbound to Route 85 southbound (includes auxiliary lanes on Route 85 between El Camino Real and Route 87)		Y		Yes
Santa Clara	240469	Committed	Implement express lanes on Route 17 between I-280 and Route 85 (included under VTA Express Lane Network RTPID #240742)		Y		Yes
Santa Clara	240470	New Commitment	Install pedestrian countdown signals in Sunnyvale	Y			
Santa Clara	240473	New Commitment	Improve braided ramps on northbound I-280 between Foothill Expressway and Route 85		Y		
Santa Clara	240477	Committed	Implement express lanes on Route 237 between Mathilda Avenue to Route 85 (included under VTA Express Lane Network RTPID #240742)	Y		Y	Yes
Santa Clara	240481	Committed	Convert Route 237 HOV lanes to express lanes between North First Street to Mathilda Avenue (included under VTA Express Lane Network RTPID #240742)	Y			Yes
Santa Clara	240482	Committed	Implement express lanes on I-680 from Calaveras Boulevard to Montague Expressway (included under VTA Express Lane Network RTPID #240742)	Y			Yes

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Santa Clara	240484	Committed	Implement express lanes on I-880 between the Alameda County Line and U.S. 101; includes the extension of dual express lanes northbound I-880 between Route 237 and Mission Boulevard. (included under VTA Express Lane Network RTPID #240742)	Y				
Santa Clara	240485	Committed	Implement express lanes on U.S. 101 between Cochran Road and Masten Avenue (included under VTA Express Lane Network RTPID #240742)		Y			Yes
Santa Clara	240491	Committed	Implement express lanes on U.S. 101 between Masten Avenue and 10th Street (included under VTA Express Lane Network RTPID #240742)		Y			Yes
Santa Clara	240492	Committed	Implement express lanes on U.S. 101 between 10th Street and Route 25 (included under VTA Express Lane Network RTPID #240742)		Y			Yes
Santa Clara	240494	New Commitment	Implement System Operations and Management Program for Santa Clara County			Y		
Santa Clara	240497	New Commitment	Implement San Jose Midtown bicycle and pedestrian enhancements	Y				
Santa Clara	240498	New Commitment	Widen Brokaw Bridge over Coyote Creek	Y				
Santa Clara	240506	New Commitment	Implement El Camino Real Regional Corridor improvements from Palo Alto Medical Foundation to Churchill Avenue	Y				
Santa Clara	240507	New Commitment	Improve Middlefield Road-Midtown Corridor (includes sidewalk enhancements, transit stop improvements, lighting improvements, and traffic signal improvements)	Y				
Santa Clara	240508	New Commitment	Implement the Community Design and Transportation (CDT) Program in Santa Clara County (includes streetscape improvements, bicycle and pedestrian access improvements, place-making improvements, and roadway and transit facility improvements)			Y	Y	
Santa Clara	240509	New Commitment	Develop projects and programs contained within VTA's Countywide Bicycle Plan, VTA's Bicycle Expenditure Program, and Local Bike Plans and programs.			Y	Y	
Santa Clara	240512	Committed	Implement Guadalupe Express light rail improvements			Y		Yes
Santa Clara	240513	Committed	Implement express lanes on I-280 between Leland Avenue and Magdalena Avenue (included under VTA Express Lane Network RTPID #240742)			Y		Yes
Santa Clara	240514	Committed	Implement express lanes on I-280 between US 101 and Leland Avenue (included under VTA Express Lane Network RTPID #240742)			Y		Yes
Santa Clara	240515	Committed	Implement express lanes on I-280 between southbound El Monte Road and Magdalena Avenue (included under VTA Express Lane Network RTPID #240742)			Y		Yes
Santa Clara	240516	Committed	Implement express lanes on I-680 between Montague Expressway and US 101 (included under VTA Express Lane Network RTPID #240742)			Y		Yes
Santa Clara	240517	Committed	Implement express lanes on I-880 between U.S. 101 and I-280 (included under VTA Express Lane Network RTPID #240742)			Y		Yes
Santa Clara	240518	Committed	Implement Tasman Express Long T (includes double-tracking of a single-tracked light rail segment on the Mountain View line to facilitate the extra line of service)			Y	Y	
Santa Clara	240519	Committed	Implement North First Street light rail speed improvements			Y		Yes
Santa Clara	240532	New Commitment	Improve interchanges at Route 152 at Frazier Lake Road, Bloomfield Road, Watsonville Road, and Ferguson Road	Y				
Santa Clara	240554	New Commitment	Improve interchanges at Route 237/Mathilda Avenue and U.S. 101/Mathilda Avenue	Y				
Santa Clara	240570	New Commitment	Widen off-ramp at Trimble Road on Route 87	Y				
Santa Clara	240591	Committed	Implement Capitol Expressway Light Rail Extension - Phase I (includes sidewalk, landscape and street lights on both sides of the expressway from Capitol Avenue to Tully Road)	Y				Yes
Santa Clara	240603	Committed	Implement North San Jose Transit Improvements				Y	
Santa Clara	240611	New Commitment	Improve interchange at Route 85/El Camino Real	Y				
Santa Clara	240636	New Commitment	Construct 2-lane or 4-lane connection between Almaden Expressway and Winfield Boulevard (Chynoweth Ave. or Thornwood bridge will include construction of a new connector, bike lanes and sidewalks)	Y				
Santa Clara	240671	New Commitment	Improve interchange at I-280/Senter Road		Y			

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Santa Clara	240710	New Commitment	Implement Lawrence Expressway/I-280 interchange project	Y		
Santa Clara	240740	New Commitment	Local streets and roads operations and maintenance		Y	Y
Santa Clara	240742	Committed	VTA Express Lane Network		Y	Y
Solano	21341	Committed	Construct new Fairfield/Vacaville multimodal train station for Capitol Corridor intercity rail service (Phases 1, 2 and 3)	Y		Y
Solano	22629	Committed	Construct new Vallejo Baylink Ferry Terminal (includes additional parking, upgrade of bus transfer facilities and pedestrian access improvements)	Y		Y
Solano	22632	Committed	Widen American Canyon Road overpass at I-80		Y	Y
Solano	22634	Committed	Construct an adjacent 200-space, at-grade parking lot at the Vacaville Intermodal Station (Phase 1)	Y		
Solano	22794	New Commitment	Improve Curtola Transit Center, includes 420 space parking structure and transit plaza on existing park and ride lot, auto/carpool pick-up and circulation improvements	Y		Y
Solano	22795	New Commitment	Improve Fairfield Transportation Center, includes 1,000 additional parking spaces	Y		Y
Solano	22985	Committed	Implement transit hub in the Benicia Industrial Park	Y		Y
Solano	94151	New Commitment	Construct 4-lane Jopson Parkway from Route 12 to Leisure Town Road at I-80	Y		Y
Solano	98212	New Commitment	Expand bicycle and pedestrian facilities		Y	Y
Solano	230311	Committed	Widen and improve Peterson Road with the addition of a truck-stacking lane	Y		
Solano	230313	New Commitment	Improve interchanges and widen roadways serving Solano County Fairgrounds, including Redwood Parkway	Y		
Solano	230322	Committed	Rebuild and relocate eastbound Cordelia Truck Scales Facility (includes a new 4-lane bridge across Suisun Creek and new ramps at eastbound Route 12 and eastbound I-80)	Y		
Solano	230326	New Commitment	Improve I-80/I-680/Route 12 Interchange (Phase 1), includes widen I-80 and I-680 and improve direct freeway to freeway connections		Y	
Solano	230468	New Commitment	Provide auxiliary lanes on I-80 in eastbound and westbound directions from I-680 to Airbase Parkway, add eastbound mixed-flow lane from Route 12 East to Airbase Parkway, and remove I-80/auto Mail hook ramps and C-D slip ramp	Y		Yes
Solano	230558	New Commitment	Provide Lifeline transit service countywide			Yes
Solano	230590	Committed	Widen Railroad Avenue on Mare Island to 4-lanes from G Street to Route 37	Y		
Solano	230635	New Commitment	Improve Vacaville Intermodal Station (Phase 2), includes parking garage	Y		Y
Solano	240210	Committed	Implement I-505/Vaca Valley Parkway interchange improvements (includes widening southbound off-ramp at Vaca Valley Parkway, widening Vaca Valley Parkway to provide protected left turn pockets, and signalization of the southbound ramp intersection)	Y		Y
Solano	240213	Committed	Implement I-80/Lagoon Valley Road interchange improvements (includes widening existing overcrossing from 2 to 4 lanes, widening the westbound ramp and intersection, widening and realigning the eastbound ramps, and signalization of both eastbound and westbound ramp intersections)	Y		
Solano	240313	Committed	Benicia Intermodal Facilities Project: Construct transit intermodal stations at Military West and West 14th, and Military West and First Street	Y		Y
Solano	240556	New Commitment	Enhance bicycle and pedestrian facilities		Y	Y
Solano	240558	New Commitment	Rehabilitate bicycle and pedestrian facilities		Y	Y
Solano	240559	New Commitment	Improve ADA access at existing intercity transit centers		Y	Y
Solano	240572	New Commitment	Enhance transit information services (includes adding GPS devices and tracking hardware and software to all buses, and display media to bus stations)		Y	
Solano	240573	New Commitment	Install security cameras and monitoring equipment at Solano transit stations		Y	
Solano	240575	New Commitment	Rehabilitate major transit centers in Solano County		Y	Y
Solano	240576	New Commitment	Replace existing transit fleet		Y	
Solano	240578	New Commitment	Transit maintenance		Y	
Solano	240593	New Commitment	Implement safety improvements to state highways in Solano County		Y	

List of Projects in Plan Bay Area
(sorted by County, then by Reference Number)

County	Reference Number	Investment Type	Project Description	Complete and Operational By: 2020 2030 2040	2015 TIP	Regionally Significant
Solano	240594	Committed	Implement enhancements on highways in Solano County (includes landscaping, soundwalls, gateways, multi-modal enhancements, and hardscaping)		Y	Y
Solano	240595	New Commitment	Modify interchanges to improve operations, safety, multi-modal access, and improve signal timing	Y		
Solano	240596	New Commitment	Conduct corridor studies of Solano highways and freeways and install non-ITS performance measures	Y	Y	
Solano	240599	New Commitment	Rehabilitate local bridges	Y		
Solano	240600	New Commitment	Local streets and roads operations and maintenance	Y	Y	
Solano	240601	New Commitment	Implement Solano County's local air quality and climate protection strategies	Y	Y	
Solano	240602	New Commitment	Implement ridesharing measures (includes ridesharing, vanpool services, and commute trip planning/consulting)	Y	Y	
Solano	240604	New Commitment	Implement local parking management programs	Y		
Solano	240605	New Commitment	Implement Solano County's Safe Routes to School program	Y	Y	
Solano	240606	New Commitment	Implement Solano County's Safe Routes to Transit program	Y		
Solano	240608	New Commitment	Provide transit service to seniors and individuals with disabilities (separate from Lifeline)	Y	Y	
Solano	240609	New Commitment	Rehabilitate transit guideways (includes docking facilities and channel maintenance for WETA ferries)	Y		
Solano	240610	Committed	Local transportation planning and public outreach efforts	Y		
Solano	240719	New Commitment	Transit operations support	Y	Y	
Solano	240720	New Commitment	Local Road Safety	Y		
Solano	240721	New Commitment	Maintain state highways in Solano County	Y	Y	
Solano	240722	New Commitment	Implement Solano County's regional air quality and climate protection strategies	Y		
Solano	240739	Committed	Dredge Channel to Port of Stockton	Y		
Sonoma	21070	Committed	Realign Route 116 (Stage Gulch Road) along Champlin Creek to improve safety, adding shoulders to accommodate pedestrians and bicyclists	Y		
Sonoma	21902	Committed	Widen U.S. 101 for HOV lanes from Pepper Road to Rohnert Park Expressway (Central Phase A)	Y	Y	
Sonoma	22190	New Commitment	Improve channelization and traffic signalization at Route 116/Route 121 intersection (includes Arnold Drive improvements)	Y		
Sonoma	22191	Committed	US 101 North Project - Phase B- Airport Boulevard interchange improvements and Airport Boulevard	Y	Y	
Sonoma	22195	Committed	Improve U.S. 101/Old Redwood Highway interchange (includes modifying/replacing existing 2-lane interchange to at least a 5-lane interchange and improving ramps)	Y		
Sonoma	22197	New Commitment	Improve local circulation at various locations in Town of Penngrrove (includes improvements to Main Street, Petaluma Hill Road, Adobe Road, Old Redwood Highway and U.S. 101/Railroad Avenue)	Y		
Sonoma	22204	New Commitment	Widen Fulton Road from 2-lanes to 4-lanes from Guerneville Road and Piner Road	Y	Y	Yes
Sonoma	22207	New Commitment	Extend Farmers Lane from Bellevue Avenue to Bennett Valley Road as a 3-lane or 4-lane arterial (includes a bicycle lane and sidewalk)	Y		Yes
Sonoma	22438	New Commitment	Improve Bodega Highway west of Sebastopol (includes straightening curves near Occidental and adding turn pockets)	Y		
Sonoma	22490	New Commitment	Convert bridges in Sonoma County from 1-lane to 2-lane	Y		
Sonoma	22655	Committed	Widen U.S. 101 for HOV lanes (one in each direction) from Rohnert Park Expressway to Santa Rosa Avenue (includes interchange improvements and ramp metering)	Y	Y	
Sonoma	22656	Committed	Improve U.S. 101/East Washington Street interchange (includes new northbound on-ramp and improvements to southbound on-ramp)	Y	Y	
Sonoma	94691	New Commitment	Install traffic signal system on Route 121 and improve channelization at 8th Street	Y		
Sonoma	98147	New Commitment	Widen U.S. 101 in each direction with 1 HOV lane from Old Redwood Highway to the Marin/Sonoma County line	Y	Y	Yes

List of Projects in Plan Bay Area
(sorted by County, then by Reference Number)

County	Reference Number	Investment Type	Project Description	Complete and Operational By:			Regionally Significant
				2020	2030	2040	
Sonoma	98183	Committed	Implement landscaping along the HOV lanes on U.S. 101 between Steele Lane and Windsor River Road	Y		Y	Y
Sonoma	230341	Committed	Improve channelization and traffic signalization on Mirabel Road and Route 116	Y			
Sonoma	230368	New Commitment	Construct Suburban Center intersection improvements at Route 12 (Farmers Lane) and 4th Street		Y		
Sonoma	230700	New Commitment	Local streets and roads operations and maintenance		Y	Y	Y
Sonoma	240359	Committed	Widen Rohnert Park Expressway from 2-lanes to 4-lanes between Snyder Lane and Petaluma Hill Road (includes new bike lanes in both directions, curb and gutter, sidewalk, landscaped median, and traffic signal devices/improvements at Petaluma Hill Road)	Y			
Sonoma	240360	New Commitment	Widen Snyder Lane from 2-lanes to 4-lanes between southside of "G" section and Southwest Boulevard	Y			Yes
Sonoma	240366	Committed	Widen of Golf Course Drive West (formerly Wilfred Avenue) from 2-lanes to 4-lanes between the 1999 City Limits west of Redwood Drive to the Urban Growth Boundary (includes four travel lanes, a bike lane on both sides, sidewalks, landscaping, and traffic signals at Redwood Drive, Labath Avenue, and Dowdell Avenue)	Y			
Sonoma	240524	New Commitment	Construct an interchange with bicycle and pedestrian enhancements at Route 12/Fulton Road	Y		Y	
Sonoma	240529	New Commitment	Improve interchange at Hearn Avenue/U.S. 101			Y	Y
Sonoma	240547	New Commitment	Construct bicycle and pedestrian crossing at U.S. 101 and Copeland Creek		Y		
Sonoma	240561	New Commitment	Implement Sonoma County's Safe Routes to School program		Y	Y	
Sonoma	240650	New Commitment	Enhance bus service frequencies in Sonoma County		Y	Y	Y
Sonoma	240651	New Commitment	Implement bicycle and pedestrian improvements countywide		Y	Y	Y
Sonoma	240667	New Commitment	Implement Windsor River Road/Windsor Road/NWPRR Intersection improvements. Re-configure intersection and improve railroad, vehicle, pedestrian interface.	Y			
Sonoma	240668	New Commitment	Widen Airport Boulevard from 2-lanes to 5-lanes between Ordiance Road and Aviation Boulevard	Y			Yes
Sonoma	240672	Committed	Implement Marin Sonoma Narrows Stage 1 (Sonoma County)	Y			
Sonoma	240709	New Commitment	Implement Sonoma County's Climate Initiatives program		Y	Y	Y
Sonoma	240737	New Commitment	Conduct environmental studies and preliminary design for the proposed SMART commuter rail extension from Windsor to Cloverdale (Phase III)			Y	

Appendix B2
List of Projects in Plan Bay Area with Updates to Modeled Milestone
Years

County	Reference Number	Project Description	Complete and Operational By Year: 2015 2020 2030 2040	Previous Operational Year	Regionally Significant
Alameda	21123	Improve infrastructure at Union City Intermodal Station	Y	2015	
Alameda	21451	Construct additional turn- and bus-loading lanes on Hesperian Boulevard and East 14th Street	Y	2015	
Alameda	22455	Implement AC Transit East Bay Bus Rapid Transit (BRT)	Y	2015	Yes
Alameda	22776	Widen Route 84 from 2 lanes to 4 lanes from north of Pigeon Pass to Stanley Boulevard and from 2 lanes to 6 lanes from Stanley Boulevard to Jack London Boulevard	Y	2015	Yes
Alameda	94506	Construct an east-west connector between I-880 and Route 238/Mission Boulevard (includes improvements to roadways and intersections along Decoto Road, Fremont Boulevard, Paseo Padre Parkway, Alvarado-Niles Road and Route 238/Mission Boulevard)	Y	2015	Yes
Alameda	230170	Improve 42nd Avenue and High Street, includes extending and aligning 42nd Avenue with Alameda Avenue to create road parallel to High Street, widening High Street between Oakport Street and Coliseum Way, realigning E. 8th Street near Alameda Avenue, and modifying traffic signals and other intersection improvements	Y	2015	
Alameda	230668	Convert I-880 HOV lanes to express lanes between Hengenberger Road and Route 237 southbound, and Hacienda Drive to 237 northbound (included under MTC Regional Express Lane Network RTPID #240741)	Y	2030	
Alameda	230672	Convert Route 92 westbound HOV lanes to express lanes from Hesperian Boulevard to San Mateo-Hayward Bridge toll plaza (included under MTC Regional Express Lane Network RTPID #240741)	Y	2030	
Alameda	230673	Convert Route 84 westbound HOV lanes to express lanes from I-880 to Dumbarton Bridge toll plaza (included under MTC Regional Express Lane Network RTPID #240741)	Y	2030	
Alameda	240024	Implement Oakland Army Base infrastructure improvements (includes reconstructing Maritime Street, realigning Burma Road and Wake Avenue)	Y	2015	
Contra Costa	21211	Extend BART/East Contra Costa Rail (eBART) eastward from the Pittsburg/Bay Point BART station into eastern Contra Costa County	Y	2015	Yes
Contra Costa	98194	Extend Commerce Avenue to Waterworld Parkway, including construction of vehicular bridge over Pine Creek, installation of trails and a pedestrian bridge connecting Willow Pass Road to Concord Avenue/Route 242 interchange	Y	2015	
Contra Costa	230206	Construct Route 4 Bypass interchange at Balfour Road (Phase 1)	Y	2015	
Contra Costa	230308	Realign and improve safety and operations on Alhambra Valley Road	Y	2015	
Contra Costa	230535	Improve safety and operations on Marsh Creek Road by realigning certain curves along the entire length.	Y	2020	
Contra Costa	230613	This project would provide ferry service between Hercules and San Francisco consistent with WETA's Implementation and Operations Plan and MTC's Resolution 3434.	Y	2015	Yes
Contra Costa	230685	Express Lanes on I-680: Widen I-680 northbound for express lane from Rudgear to North Main; Convert HOV lanes to express lanes between Benicia Bridge and Alcosta Boulevard in each direction (included under MTC Regional Express Lane Network RTPID #240741)	Y	2030	Yes
San Francisco	22415	Extend historic streetcar service from Fort Mason from Fisherman's Wharf and along the Embarcadero to the 4th and King Caltrain Station	Y	2015	Yes
San Francisco	240328	Implement Geneva Transit Preferential Streets (TPS) improvements on Geneva Avenue from Ocean Avenue to Prague (includes BRT on Geneva Avenue from Prague to U.S. 101 interchange)	Y	2020	Yes
San Mateo	21607	Modify University Avenue overcrossing of U.S. 101 to improve operational efficiency and safety (includes widening of overcrossing, constructing new southbound off-ramp and auxiliary lane, and adding bicycle lanes)	Y	2015	
San Mateo	22261	Replace San Pedro Creek Bridge on Route 1	Y	2015	
San Mateo	22751	Improve safety on Route 1, including adding protected left and right turn lanes at Route 1, adding through lanes on Route 1 at signalized intersections, and constructing new pedestrian/bicycle path	Y	2015	
Santa Clara	22180	Construct auxiliary lanes on Central Expressway between Lawrence Expressway and Mary Avenue	Y	2020	
Santa Clara	22854	Improve interchange at Oregon-Page Mill/I-280	Y	2015	
Santa Clara	230201	Widen Coleman Avenue from 4-lanes to 6-lanes between I-880 and Taylor Street	Y	2015	Yes
Santa Clara	230262	Improve interchange at Montague Expressway/U.S. 101	Y	2015	

Draft List of Projects in Plan Bay Area with Analysis Year Changes
(sorted by County, then by Reference Number)

County	Reference Number	Project Description	Complete and Operational By Year: 2015 2020 2030 2040	Previous Operational Year	Regionally Significant
Santa Clara	240118	Implement Stevens Creek Rapid Transit Project		2020	
Santa Clara	240119	In Santa Clara County: Implement Bus Rapid Transit improvements on El Camino Real/The Alameda including: dedicated guideways, signal prioritization, low-floor boarding, ticket vending machines, premium BRT stations, real-time information, branded buses.	Y	2015	Yes
Santa Clara	240439	Route 85 express lanes between Route 87 and I-280; Convert HOV lane to express lane between U.S. 101 and I-280; Convert HOV lane and construct additional express lane between I-280 and Route 87; Convert HOV lane to express lane between Route 87 and southbound U.S. 101; Construct 1.1 mile auxiliary lane between South De Anza Boulevard northbound on-ramp and Stevens Creek Boulevard northbound off-ramp (included under VTA Express Lane Network RTPID #240742)	Y	2015	
Solano	21341	Construct train station including passenger platform, overcrossing, park and ride lot and other station facilities.	Y	2015	Yes
Solano	22985	Transit hub in the Benicia Industrial Park for express bus route 40	Y	2015	Yes
Solano	94151	Construct 4-lane Jepsen Parkway from Route 12 to Leisure Town Road at I-80	Y	2015	Yes
Solano	230635	Improve Vacaville Intermodal Station (Phase 2), includes parking garage (Roadway Component)	Y	2015	
Solano	230660	Convert I-80 HOV lanes to express lanes from Red Top Road to Air Base Parkway in each direction (included under MTC Regional Express Lane Network RTPID #240741)	Y	2020	Yes
Solano	240210	Improve Vacaville Intermodal Station (Phase 2), includes parking garage (Transit Component)	Y	2015	
Solano	240581	Widen I-80 in each direction for express lanes from Air Base Parkway to I-505 (included under MTC Regional Express Lane Network RTPID #240741)	Y	2020	Yes

Appendix C
Travel Forecasting Assumptions (Technical Supplementary Report:
Predicted Traveler Responses)

Summary of Predicted Traveler Responses

July 2013

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1 Introduction

This supplementary report presents selected technical results from the analysis of alternatives performed in support of the Metropolitan Transportation Commission's (MTC's) and the Association of Bay Area Government's (ABAG's) 2013 Plan Bay Area environmental impact report (EIR). A brief overview of the technical methods used in the analysis as well as a brief description of the key assumptions made for each alternative precede the presentation of results.

2 Analytical Tools

To first describe the reaction of travelers to transportation projects and policies and to then quantify the impact of cumulative individual decisions on the Bay Area's transportation networks and environment, MTC maintains and applies an analytical tool known to transportation planners as a "travel model" (or "travel demand model", "travel forecasting model"). MTC's travel model is briefly described here, along with two supporting tools: a population synthesizer and a vehicle emissions model.

Population Synthesizer

MTC's travel model is an "agent-based simulation". The "agents" are individual households, further described by the persons which form each household. The travel model, therefore, attempts to simulate the behavior of individual households and persons who carry out their daily activities in an environment described by input land development patterns and transportation projects and policies. In order to use this type of simulation, each agent must be characterized in a fair amount of detail.

Tools that create lists of households and persons for travel model simulations are known as population synthesizers. MTC's population synthesizer attempts to locate actual households described in the 2000 Decennial Census Public Use Micro-sample (PUMS) data (i.e., those who responded to the old "long forms" used by the Census Bureau to collect detailed household information) in such a way that when looking at the population along specific dimensions spatially (at a level of detail below which the PUMS data is reported), the aggregate totals more or less match those predicted by other Census summary tables (when synthesizing historical populations) or the land use projections made by ABAG and the Bay Area UrbanSim (UrbanSim) model¹ (when forecasting populations). For example, if ABAG/UrbanSim projects that 60 households containing 100 workers and 45 children will live in spatial unit X in the year 2035, the population synthesizer will locate 60 PUMS households in spatial unit X and will select households in such a way that, when summing across households, the number of workers is close to 100 and the number of children is close to 45.

MTC's population synthesizer "controls" (i.e., minimizes the discrepancy between the synthetic population results and the historical Census results or ABAG/UrbanSim's forecasts) along the following dimensions:

¹ A detailed discussion of the land use forecasting procedures are available in the companion supplementary report *Summary of Predicted Land Use Responses*.

1. Household “type”, i.e. individual household unit or non-institutionalized group quarters (e.g., college dorm);
2. Household income category;
3. Age of head of household;
4. Number of persons in the household;
5. Number of children under age 17 in the household;
6. Number of employees in the household; and,
7. Number of units in the household’s physical location (one or more than one, as in an apartment building).

Travel Model

Travel models are frequently updated. As such, a bit of detail as to which version of a given travel model is used for a given analysis is useful. The current analysis uses MTC’s *Travel Model One (version 0.3)*, released in spring 2012, calibrated to a 2000 base year, and validated against both year 2000 and year 2005 observed conditions².

Travel Model One is of the so-called “activity-based” archetype³. The model is a partial agent-based simulation in which the agents are the households and persons who reside in the Bay Area. The simulation is partial because it does not simulate the *individual* behavior of passenger and transit vehicles on roadways and transit facilities (the model system does simulate the behavior of *aggregations* of vehicles and transit passengers). In regional planning exercises such as the work described here, the travel model is used to simulate a typical weekday – when school is in session, the weather is pleasant, and no major accidents or incidents disrupt the transportation system.

The model operates on a synthetic population that includes households and persons which represent each actual household and person in the nine-county Bay Area – in both historical and prospective years. Travelers move through a space segmented into “travel analysis zones”⁴ and, in so doing, burden the transportation system. The model system simulates a series of travel-related choices for each household and for each person within each household. These choices⁵ are as follows (organized sequentially):

² Additional information is available here: <http://analytics.mtc.ca.gov/foswiki/Main/Development>.

³ The term “activity-based” is not the most descriptive label for the travel model, but it has been adopted into transportation planning jargon as a label for the family of travel models of which *Travel Model One* belongs.

⁴ An interactive map of these geographies is available here: <http://geocommons.com/maps/130037>.

⁵ These “choices”, which often are not really choices at all (the term is part of travel model jargon), are simulated in a random utility framework – background information is available here: http://en.wikipedia.org/wiki/Choice_modelling.

1. Usual workplace and school location – Each worker, student, and working student in the synthetic population selects a travel analysis zone in which to work or attend school (or, for working students, one zone to work and another to attend school).
2. Household automobile ownership – Each household, given its location and socio-demographics, as well as each members' work and/or school locations (i.e., given the preceding simulation results), decides how many vehicles to own.
3. Daily activity pattern – Each household chooses the daily activity pattern of each household member, the choices being (a) go to work or school, (b) leave the house, but not for work or school, or (c) stay at home.
4. Work/school tour⁶ frequency and scheduling – Each worker, student, and working student decides how many round-trips they will make to work and/or school and then schedules a time to leave for, as well as return home from, work and/or school.
5. Joint non-mandatory⁷ tour frequency, party size, participation, destination, and scheduling – Each household selects the number and type (e.g., to eat, to visit friends) of “joint” (defined as two more members of the same household traveling together) non-mandatory (for purposes other than work or school) round trips in which to engage, then determines which members of the household will participate, where and at what time the tour (i.e., the time leaving and returning home) will occur.
6. Non-mandatory tour frequency, destination and scheduling – Each person determines the number and type of non-mandatory (e.g., to eat, to shop) round trips to engage in during the model day, where to engage in them, and at what time to leave and return home.
7. Tour travel mode – The tour-level travel mode choice (e.g., drive alone, walk, take transit) decision is simulated separately for each tour and represents the best mode of travel for the round trip.
8. Stop frequency and location – Each traveler or group of travelers (for joint travel) decide whether to make a stop on an outbound (from home) or inbound (to home) leg of a travel tour, and if a stop is to be made, where the stop is made, all given the round trip tour mode choice decision.
9. Trip travel mode – A trip is a portion of a tour, either from the tour origin to the tour destination, the tour origin to a stop, a stop to another stop, or a stop to a tour destination. A separate mode choice decision is simulated for each trip; this decision is made with awareness of the prior tour mode choice decision.
10. Assignment – Vehicle trips for each synthetic traveler are aggregated into time-of-day-specific matrices (i.e. tables of trips segmented by origin and destination) that are assigned via the

⁶ A “tour” is defined as a round trip from and back to either home or the workplace.

⁷ Travel modelers use the term “mandatory” to describe work and school travel and “non-mandatory” to refer to other types of travel (e.g., to the grocery store); we use this jargon to communicate efficiently. We neither assume nor believe that all non-work/school related travel is non-mandatory or optional.

standard static user equilibrium procedures to the highway network. Transit trips are assigned to time-of-day-specific transit networks.

The *Travel Model One* system inherits without significant modification the representation of interregional and commercial vehicle travel from MTC's previous travel model system (commonly referred to as *BAYCAST* or *BAYCAST-90*). Specifically, commercial vehicle demand is represented using methods developed for Caltrans and Alameda County as part of the *Interstate 880 Intermodal Corridor Study* conducted in 1982, and the *Quick Response Freight Manual* developed by the United States Department of Transportation in 1996. When combined, these methods estimate four classes of commercial travel, specifically: "very small" trucks, which are two-axle/four-tire vehicles; "small" trucks, which are two-axle/six-tire vehicles; "medium" trucks, which are three-axle vehicles; and, "combination" trucks, which are four-or-more axle vehicles.

Reconciling travel demand with available transportation supply is particularly difficult near the boundaries of planning regions because little is assumed to be known about the land development patterns – the primary driver of demand – or supply details beyond these boundaries. The typical approach to representing this interregional travel is to first estimate the demand at each location where a major transportation facility intersects the boundary and to then distribute this demand to locations either within the planning region (which results in so-called "internal/external" travel) or to other boundary locations ("external/external" travel). MTC uses this typical approach and informs the process with Census (from the 2000 Decennial Census) journey-to-work flows, which are allocated via a simple method to represent flows to and from MTC's travel analysis zones and 21 boundary locations, as well as the flows between boundary locations.

The travel of air passengers to the Bay Area's airports is represented with static (across alternatives), year-specific vehicle trip tables. These trip tables are based on survey data⁸ collected in 2006 and planning information developed as part of MTC's *Regional Airport Planning Study*⁹.

Vehicle Emissions Model

The MTC travel model generates spatially- and temporally-specific estimates of vehicle usage and speed for a typical weekday. This information is then input into an emissions model to estimate emitted criteria pollutants as well as carbon dioxide (used as a proxy for all greenhouse gases). For the current analysis, MTC used the EMFAC2011 version of the California Air Resources Board emissions factor software¹⁰.

⁸ Additional information is available here: http://mtc.ca.gov/planning/air_plan/2006_Air_Pass_Survey_Final_Report.pdf.

⁹ Additional information is available here: http://mtc.ca.gov/planning/air_plan/.

¹⁰ Additional information is available here: <http://www.arb.ca.gov/msei/msci.htm>.

3 Input Assumptions

In total, nineteen scenarios were simulated and selected results are presented and discussed in the remainder of this document. Four *categories* of scenarios are included, as follows: historical, no action, planned action, and alternative actions. Historical scenarios are labeled by their year and include Year 2005 and Year 2010. The no action alternative is referred to as “No Project”; No Project simulations were performed for 2020, 2035, and 2040. The planned action is referred to as the “Proposed Plan” (often abbreviated as “Plan”) alternative; Proposed Plan simulations were performed for 2015, 2020, 2030, 2035, and 2040. Three separate alternative scenarios are included and are labeled “Transit Priority”, “Enhanced Network of Communities” (occasionally abbreviated henceforth as “Enhanced Communities” or “Enhanced”), and “Environment, Equity, and Jobs” (“EEJ”). Year 2020, 2035, and 2040 simulations were conducted for each of these alternatives. Table 1 below identifies the simulation years for each of the alternatives. The various simulation years serve different purposes: historical years demonstrate the model’s ability to adequately replicate reality¹¹ and provide the reader data for a familiar scenario; the California Air Resources Board established greenhouse gas reduction targets for 2020 and 2035; the transportation plan, as guided by federal regulations, extends to 2040; and, air quality regulations require 2015 and 2030 simulations.

The above scenarios differ across four dimensions, namely: land use, roadway supply, transit supply, and prices. By land use, we mean the locations of households and jobs (of different types). Roadway supply refers to the network upon which automobiles, trucks, transit vehicles, bicycles, and pedestrians travel. Transit supply refers to the facilities upon which transit vehicles travel (the roadway, along with rail lines, ferry routes, and other dedicated infrastructure), as well as the stop locations, route, and frequency of service on each facility. Prices include the monetary fee users are charged to board transit vehicles, cross bridges, operate and park private vehicles and use express (also known as high occupancy toll) lanes.

In the remainder of this chapter, each of the six scenarios (the rows in Table 1) is discussed, organized by these four dimensions; additional notes on “other assumptions” concludes the section. This organization should allow the reader to compare the input assumptions across scenarios.

¹¹ Details of this “validation” process are available here: <http://analytics.mtc.ca.gov/foswiki/Main/Development>.

TABLE 1: SIMULATIONS BY YEAR AND ALTERNATIVE

Alternative	Simulation Year						
	2005	2010	2015	2020	2030	2035	2040
Historical	✓	✓					
No Project				✓		✓	✓
Proposed Plan			✓	✓	✓	✓	✓
Transit Priority				✓		✓	✓
Enhanced Communities				✓		✓	✓
Environment, Equity, and Jobs				✓		✓	✓

Land Use

Detailed information regarding the land development patterns is available in a companion supplementary report, *Summary of Predicted Land Use Responses*, available on www.onebayarea.org. Here, we provide a handful of details regarding the transformation of these land use inputs into the information needed by the travel model.

Prior to executing the travel model, the land development inputs provided by ABAG (control totals and distribution details) and the UrbanSim model (distribution details) are run through the MTC population synthesizer as described above. The journey from control totals through UrbanSim and through the population synthesizer causes minor inconsistencies between the ABAG-estimated regional control totals and the totals implied by the synthetic population (a more detailed discussion of these differences is included as an appendix to the *Summary of Predicted Land Use Responses* supplementary report). These inconsistencies are caused by: (i) UrbanSim, which fails to simulate the development of enough housing opportunities for the expected population (given unlimited time and resources, the model could be tuned to precisely replicate the control totals of developed housing provided by ABAG); (ii) expediency, which limits the time provided to the population travel model's synthesizer software to find the optimal solution, i.e. the synthetic population that best matches the UrbanSim or ABAG distributions; and, (iii) inconsistency, between the zone-specific control totals, as provided by UrbanSim or ABAG, and base year data, as provided by the Census, meaning there may not be a synthetic population that can satisfy all

of the control totals. These inconsistencies are quantified and presented for years 2005, 2010, 2020, and 2040 in Table 2 below – similar inconsistencies exist for the other forecast years. The inconsistencies are very small for the Proposed Plan and Enhanced Alternatives; the distribution of development for these alternatives comes from a simple allocation scheme developed by ABAG. The inconsistencies are a bit larger for the No Project, Transit Priority, and EEJ Alternatives; these alternatives rely on UrbanSim for their distribution.

TABLE 2: DEMOGRAPHIC STATISTICS OF CONTROL AND SIMULATED POPULATIONS

Alternative	Year	Households			Population		
		ABAG Results Households	ABAG Results Group Quarters	Synthetic Population	Percent Difference [†]	ABAG Results	Synthetic Population
Historical	2005	2,583,077	144,597	2,720,722	-0.3%	7,069,469	7,007,634
Historical	2010	2,608,023	147,683	2,732,722	-0.8%	7,450,741	7,053,334
No Project	2020	2,833,671	93,971	2,894,543	-1.1%	7,718,418	7,696,761
Proposed Plan	2020	2,837,715	93,956	2,925,108	-0.2%	7,718,420	7,697,101
Transit Priority	2020	2,833,671	93,971	2,897,715	-1.0%	7,718,418	7,708,472
Enhanced	2020	2,871,765	93,976	2,960,947	-0.2%	7,820,887	7,799,899
EEJ	2020	2,833,671	93,971	2,896,231	-1.1%	7,718,418	7,698,249
No Project	2040	3,308,120	110,665	3,281,324	-3.0%	9,195,569	8,709,541
Proposed Plan	2040	3,308,111	110,627	3,411,297	-0.2%	9,195,546	9,433,090
Transit Priority	2040	3,308,120	110,665	3,357,898	-1.8%	9,195,569	8,918,832
Enhanced	2040	3,431,742	110,626	3,534,957	-0.2%	9,535,023	9,471,803
EEJ	2040	3,308,120	110,665	3,355,942	-1.8%	9,195,569	8,903,747

[†] individuals living in group quarters are considered individual households in the synthetic population and, subsequently, the travel model.

A key function of the population synthesizer is to identify each member of the representative populous with one of eight "person type" labels. Each person in the synthetic population is identified as a full-time worker, part-time worker, college student, non-working adult, retired person, driving-age student, non-driving-age student, or child too young for school. The travel model relies on these person type classifications, along with myriad other variables, to predict behavior.

Figure 1 shows the distribution of person types for the historical scenarios and the Proposed Plan alternative, from years 2005 to 2040. Interesting aspects of these distributions, which are driven by assumptions embedded in ABAG's land use forecasts, are as follows:

- The share of full-time workers peaks in 2020;
- The share of retired workers steadily increases from 2005 to 2040; and,
- The share of non-working adults drops sharply from 2010 to 2020.

Figure 2 shows the distribution of person types across the five forecast year alternatives for year 2040. As noted above, the control totals for the five alternatives are slightly different. When taken through the population synthesizer, one result is that the alternatives derived from UrbanSim (the No Project, Transit Priority, and EEJ alternatives) have a slightly higher share of full- and part-time workers and a slightly lower share of non-workers and college students than the Proposed Plan and Enhanced Alternatives. The shares for the other person types are highly similar.

Person Type Distribution

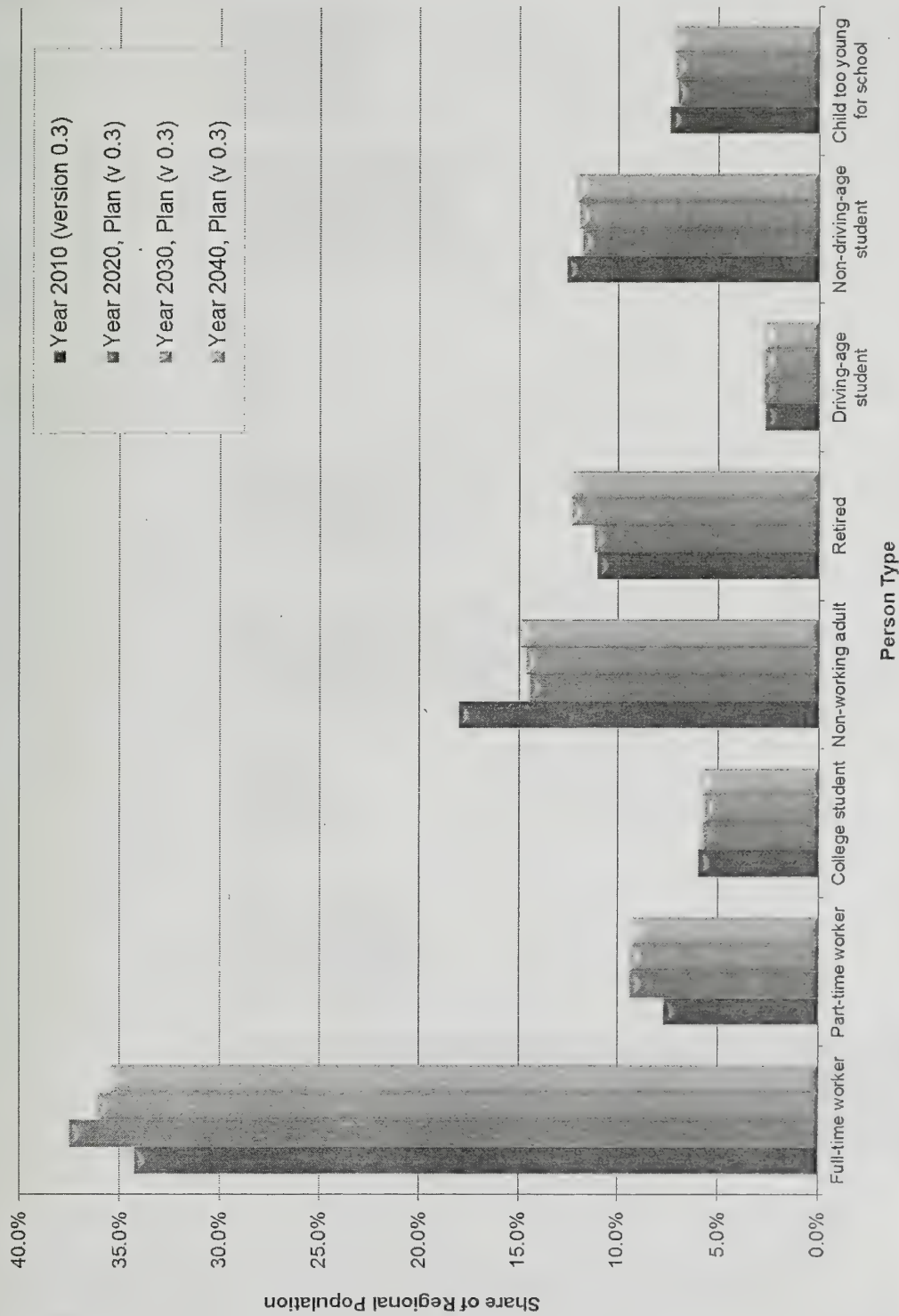


FIGURE 1: HISTORICAL AND FORECASTED PERSON TYPE DISTRIBUTIONS FOR PROPOSED PLAN ALTERNATIVE

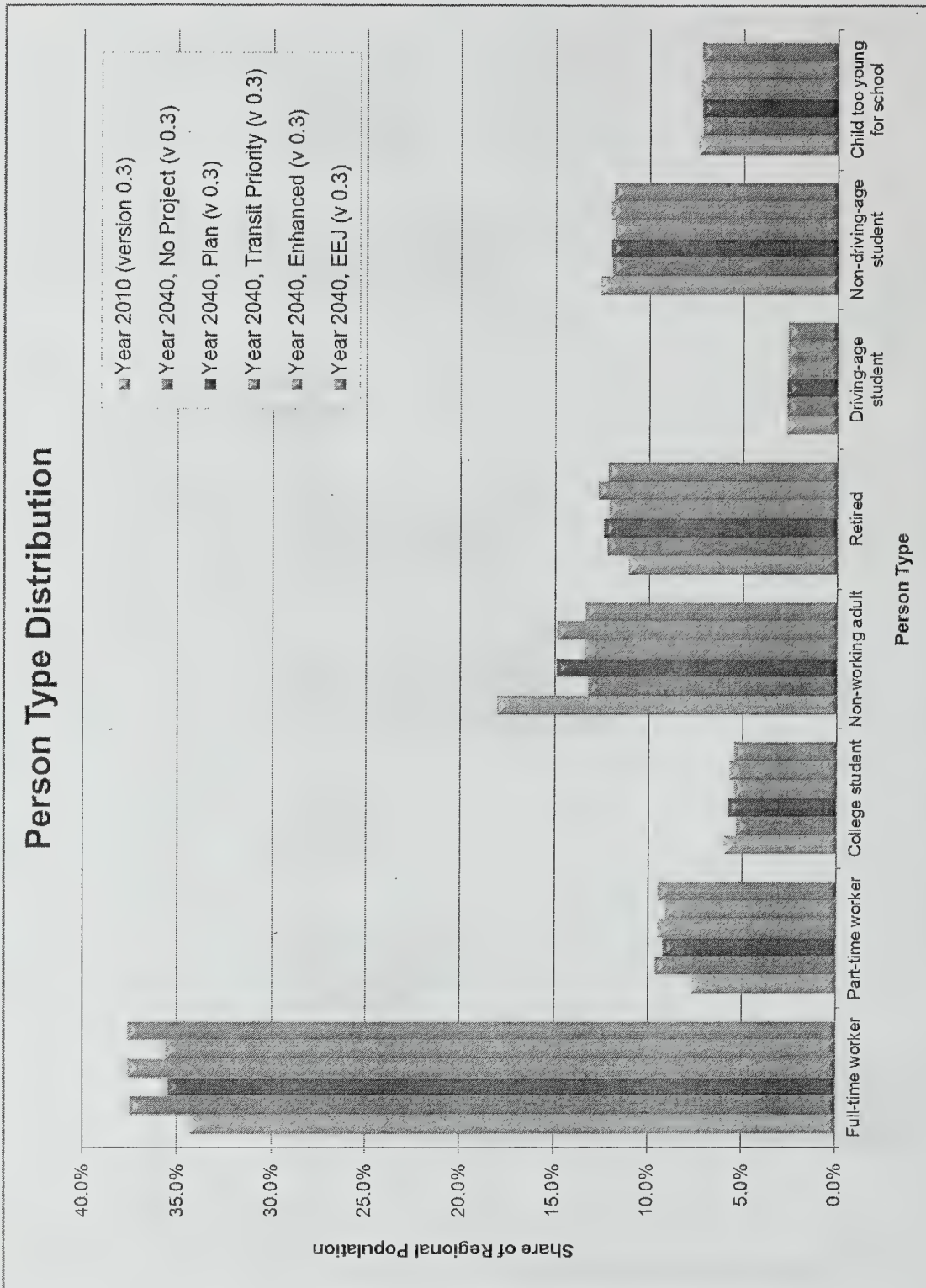


FIGURE 2: YEAR 2040 PERSON TYPE DISTRIBUTIONS

Roadway Supply

Table 3 below summarizes the assumptions made in regards to the roadway network in each of the scenario categories.

The historical scenarios for 2005 and 2010 have a representation of roadways that reflect the 2005 and 2010 infrastructure.

The No Project alternative includes projects that are either in place as of 2013 or are “committed” per MTC *Resolution 4006*. The Proposed Plan alternative includes the projects included in the transportation investment strategy, which is discussed in detail elsewhere.

The Transit Priority alternative roadway networks (for each scenario year) are identical to the Proposed Plan alternative network with one exception: the Regional Express Lane network is reduced. Specifically, the segments of the express lane network on (a) Interstate 80 from the intersection with Interstate 505 to the Yolo County line and (b) Interstate 580 from the Vasco Road interchange to the San Joaquin County line have been eliminated. Please see Figure 3 for a graphical depiction of this change in year 2035. The timing of the express lane build out is the same in the Proposed Plan and Transit Priority alternatives.

The Enhanced Network of Communities alternative has the same roadway network as the Proposed Plan alternative.

The Environment, Equity, and Jobs alternative starts with the No Project alternative roadway network, then adds the Proposed Plan alternative’s bus rapid transit (BRT) infrastructure and freeway performance initiative (FPI) improvements. No other uncommitted roadway projects are included in the EEJ alternative. In the travel model simulation, buses traveling over BRT infrastructure move faster through the roadway network and roadways with FPI treatments (e.g., ramp metering, signal coordination) are assumed to have an increased effective operating capacity, which leads to higher speeds (all else equal) for automobiles and transit vehicles.

TABLE 3: ROADWAY SUPPLY ASSUMPTIONS BY ALTERNATIVE

<i>Alternative</i>	<i>Roadway Assumptions</i>
Historical	As built in the scenario year
No Project	Existing plus committed projects
Proposed Plan	Proposed Plan alternative
Transit Priority	Proposed Plan alternative with reductions to express lane network
Enhanced Communities	Proposed Plan alternative
Environment, Equity, and Jobs	Existing plus committed with Proposed Plan alternative's bus-rapid transit infrastructure and freeway performance initiative improvements

A graphical depiction of the changes in the roadway network is presented in Figure 4 below. The chart shows the change in lane-miles (e.g., a one-mile segment of a four-lane road is four lane-miles) available to automobiles in year 2040 relative to the year 2010. On net, San Francisco County shows a decrease in lane-miles, as some roadway segments are converted to dedicated bus ways. Figure 5 shows the change in lane-miles over time for the Proposed Plan alternative.

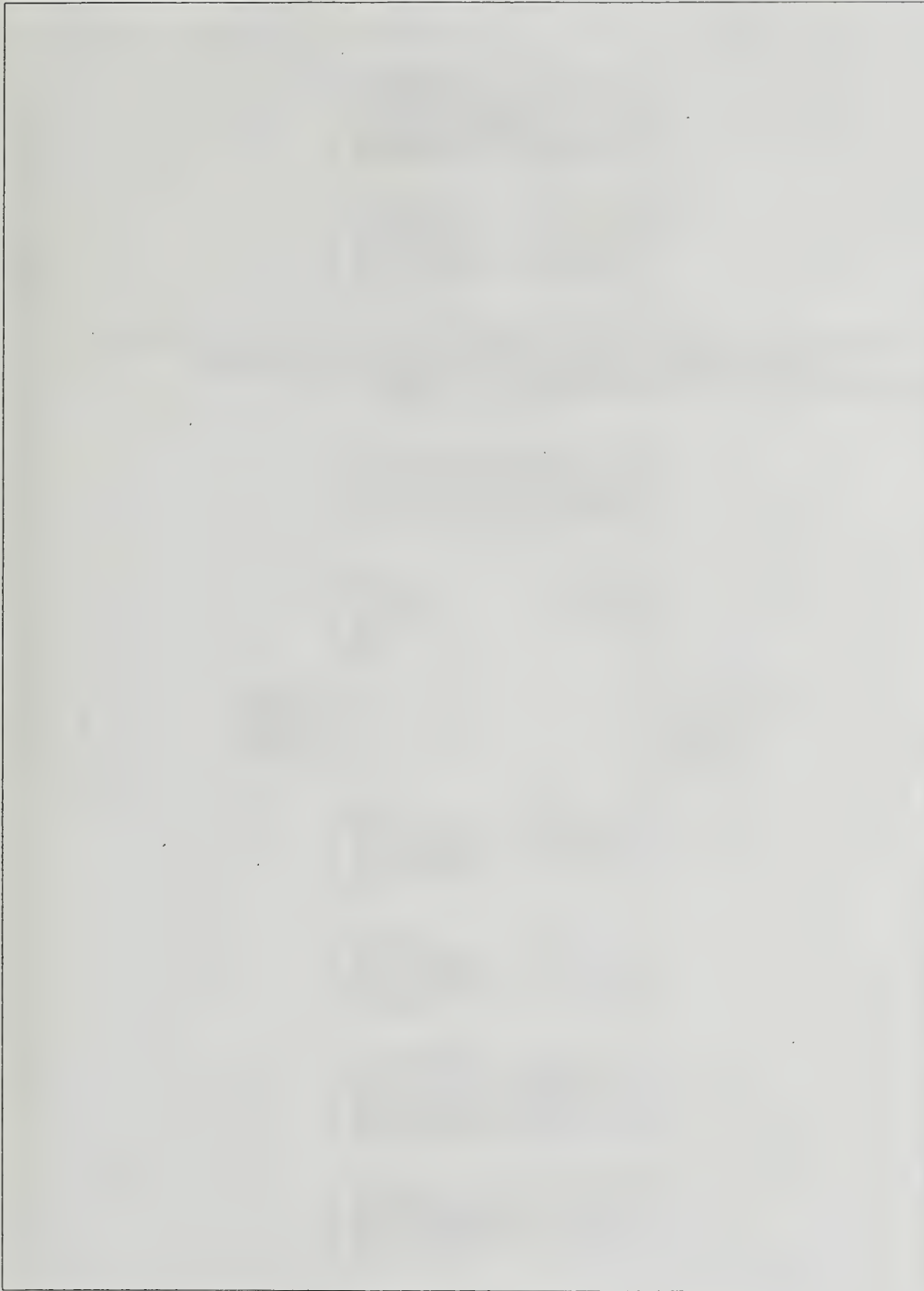


FIGURE 3: YEAR 2035 PROPOSED EXPRESS LANE NETWORKS

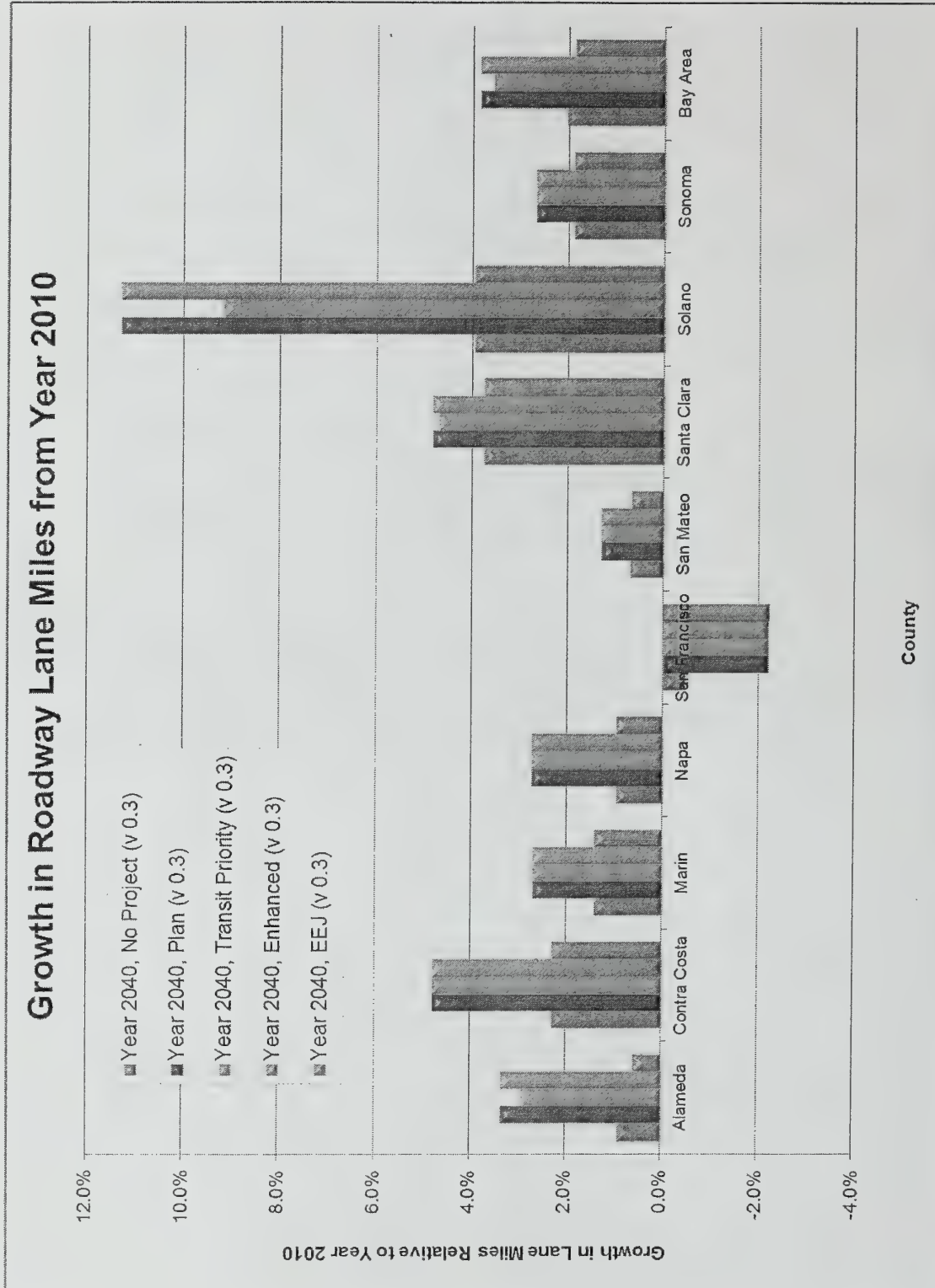


FIGURE 4: YEAR 2040 GROWTH IN ROADWAY LANE MILES AVAILABLE TO AUTOMOBILES RELATIVE TO 2010

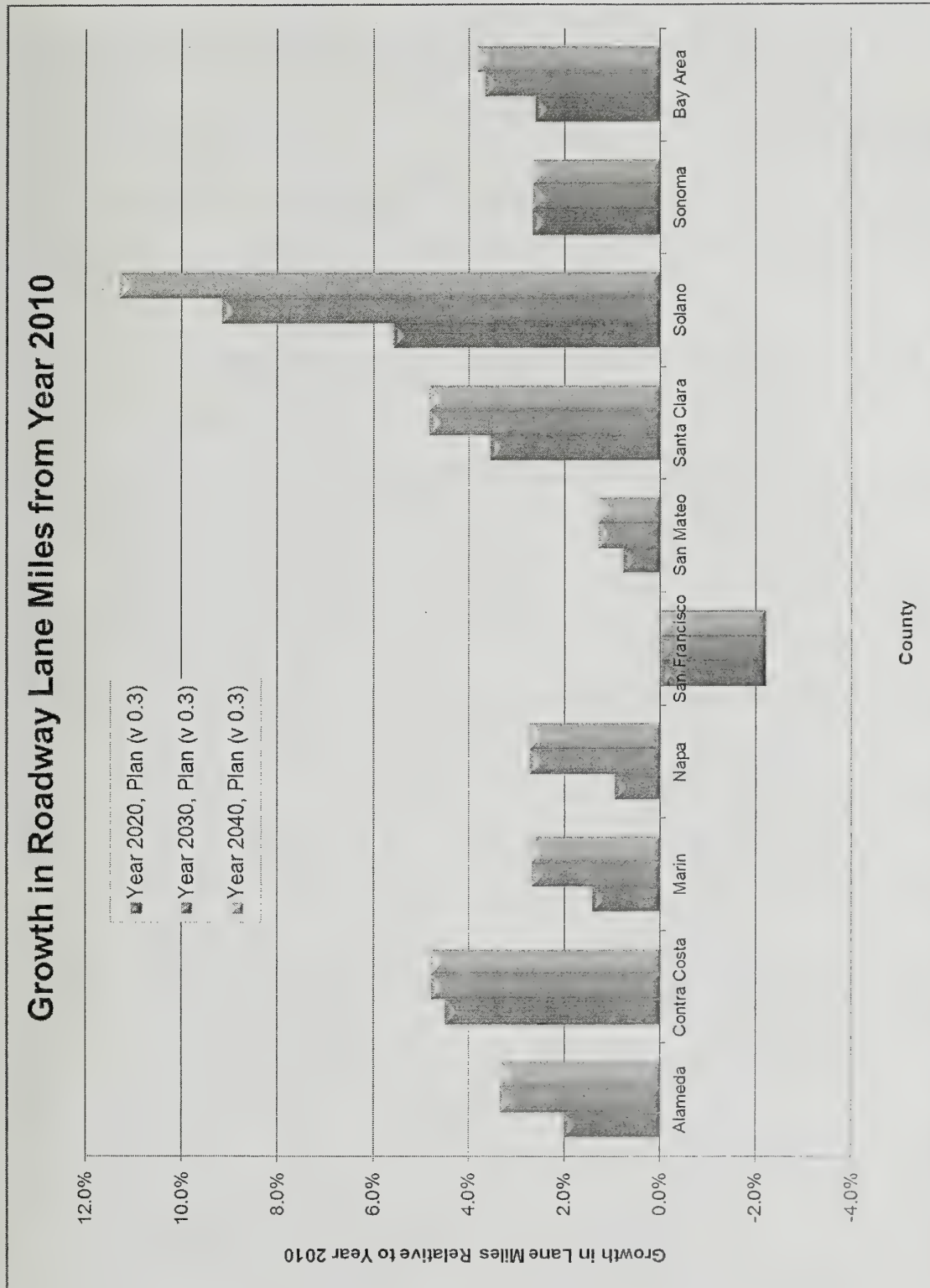


FIGURE 5: GROWTH IN ROADWAY LANE MILES AVAILABLE TO AUTOMOBILES FOR PROPOSED PLAN ALTERNATIVE

Transit Supply

Table 3 and Table 4 below summarize the assumptions made in regards to the transit network in each of the scenario categories.

The historical scenarios for 2005 and 2010 have a representation of transit service that reflect service in 2005 and 2010.

The No Project alternative begins with 2010 service levels and adds in projects that are committed per MTC's *Resolution 4006*. The Proposed Plan alternative also begins with the 2010 service levels and adds in the committed projects as well as the projects included in the transportation investment strategy.

The Transit Priority alternative begins with the Proposed Plan alternative and includes additional service improvements for Alameda/Contra Costa County Transit (AC Transit) and the Bay Area Rapid Transit service (BART) for all simulation years on or after 2020. These changes are summarized in Table 5 and are intended to represent cost effective service changes consistent in nature with the recent service changes made by the Santa Clara Valley Transportation Authority (VTA) following their comprehensive operations analysis. Similar efficiency-focused changes for San Francisco Municipal Railways (Muni) are included in the Proposed Plan alternative.

The Enhanced Network of Communities alternative has the same transit network as the Proposed Plan alternative.

The Environment, Equity, and Jobs alternative begins with the Transit Priority alternative and adds in service improvements for AC Transit, VTA, San Mateo County Transit (SamTrans), Marin Transit, Golden Gate Transit, Livermore Amador Valley Transit Authority (LAVTA), County Connection (Central Contra Costa County), Santa Rosa CityBus, and Sonoma County Transit. These improvements are made for all simulation years on or after 2020 and are summarized in Table 6.

A graphical depiction of the changes in the transit service is presented in Figure 6 below. The chart shows the change in seat-miles (e.g., a one-mile segment of a bus with forty seats is forty-seat miles) in year 2040 relative to the year 2010 across alternatives; Figure 7 shows the change in seat-miles over time for the Proposed Plan Alternative.

TABLE 4: TRANSIT SUPPLY ASSUMPTIONS BY ALTERNATIVE

<i>Alternative</i>	<i>Transit Service Assumptions</i>
Historical	As built in the alternative year
No Project	Year 2010 service plus committed projects
Proposed Plan	Year 2010 service plus projects in the transportation plan
Transit Priority	Proposed Plan alternative plus service aimed at improving the operational efficiency of BART and AC Transit
Enhanced Communities	Proposed Plan alternative
Environment, Equity, and Jobs	Transit Priority alternative plus service aimed at improving the connection between low income communities and jobs

TABLE 5: CHANGES TO AC TRANSIT AND BART SERVICE IN TRANSIT PRIORITY ALTERNATIVE

<i>Operator</i>	<i>Route(s)</i>	<i>Changes</i>
BART	All	Core routes operate at 12-minute frequencies during commute hours and additional short-run routes (Pleasant Hill to Daly City; Berryessa to 24 th St Mission; South Hayward to Daly City) operate during commute hours
AC Transit	11, 12, 14, 18, 20, 21, 22, 25, 31, 40, 45, 46, 49, 51A, 51B, 52, 54, 57, 62, 65, 67, 72R, 73, 74, 76, 85, 86, 97, 98, 99, 210	Improved service frequencies throughout the day

TABLE 6: EEJ ALTERNATIVE TRANSIT FREQUENCY IMPROVEMENTS

<i>Operator & Service</i>	<i>Route(s)</i>	<i>Changes</i>
BART	Same as Transit Priority, as shown in Table 5	
AC Transit Local	Same as Transit Priority, as shown in Table 5	
AC Transit Transbay	FS, J, O, OX, P, SB, U, V, W	Improved service frequencies during commute hours
County Connection	1, 4, 6, 10, 11, 14, 15, 17, 20	Improved service frequencies throughout the day
Golden Gate Transit	70	Improved service frequency during commute hours
LAVTA Local	8, 10, 12, 14, 15	Improved service frequencies throughout the day
LAVTA Express	70	Improved service frequencies throughout the day
Marin Transit	17, 22, 23, 29, 35, 36, 71	Improved service frequencies throughout the day
SamTrans Local	110, 120, 121, 122, 130, 250, 260, 292, 296	Improved service frequencies throughout the day
SamTrans Express	KX	Improved service frequencies throughout the day
Santa Rosa CityBus	1, 9, 10, 14	Improved service frequencies throughout the day
Sonoma County Transit	20, 30, 44/48, 62	Improved service frequencies throughout the day
VTA light Rail	900, 901, 902	Trains operate at 8 minute frequencies during commute hours and 10 minute frequencies during the midday
VTA Local	25, 26, 40, 46, 51, 52, 53, 54, 55, 66, 70, 71, 72, 73, 201	Improved service frequencies throughout the day

Change in Transit Passenger Seat Miles from Year 2010

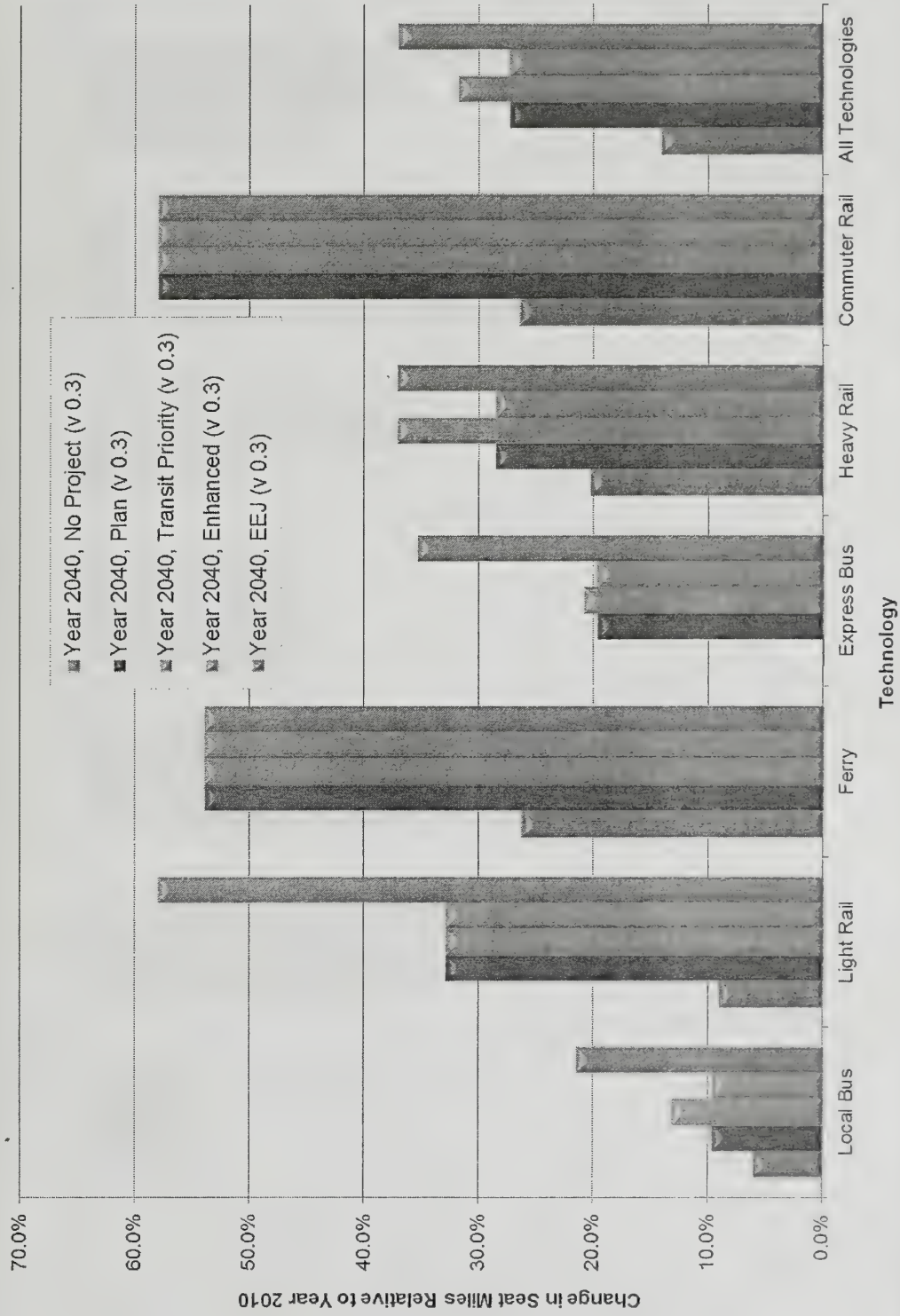


FIGURE 6: YEAR 2040 GROWTH IN TRANSIT PASSENGER SEAT MILES FROM 2010

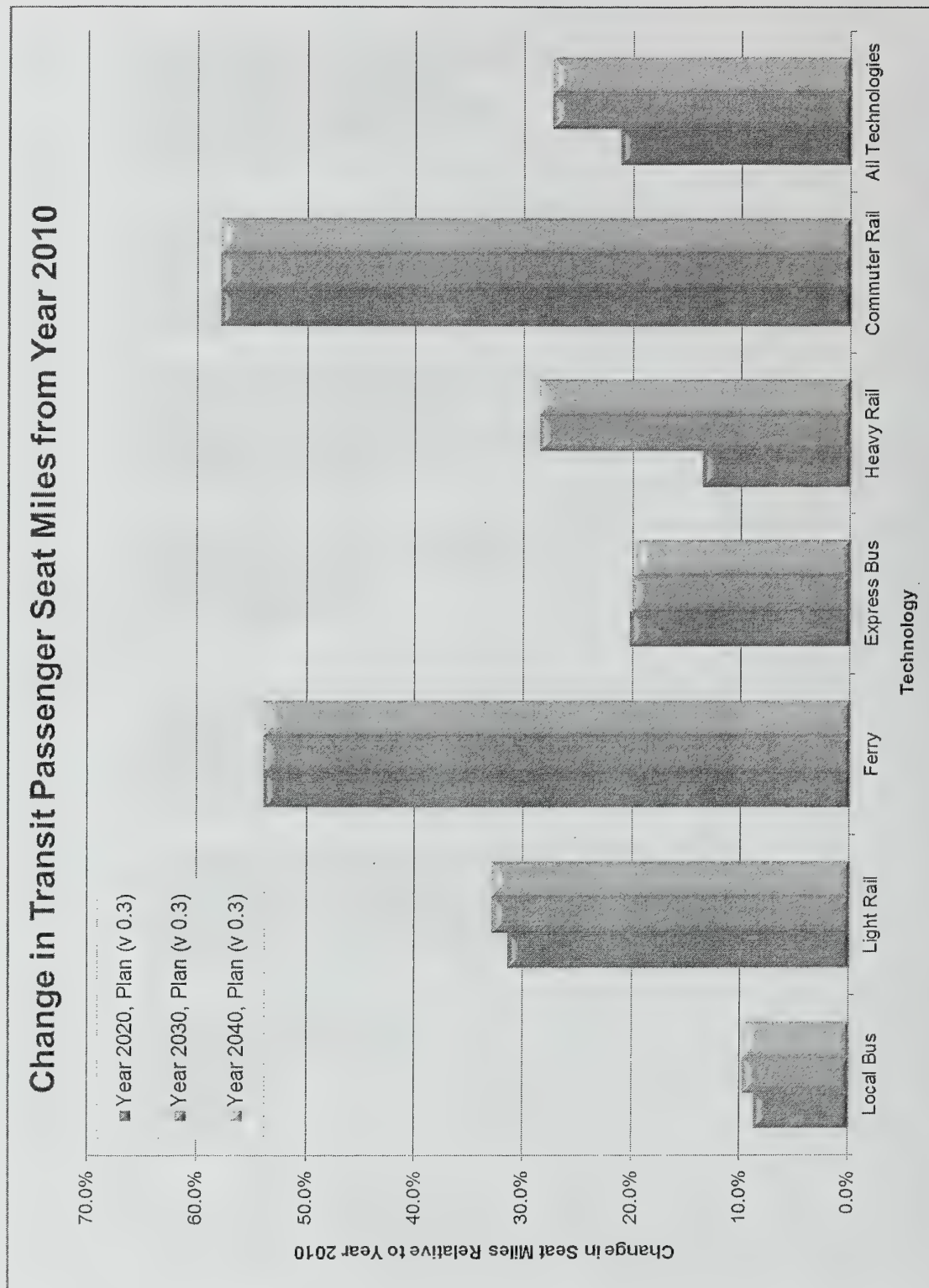


FIGURE 7: GROWTH IN TRANSIT PASSENGER SEAT MILES FOR PROPOSED PLAN ALTERNATIVE

Prices

The travel model system includes probabilistic models in which travelers select the best travel “mode” (e.g., automobile, transit, bicycle, etc.) for each of their daily tours (round trips) and trips. One determinant of this choice is the trade-off between saving time and saving money. For example, a traveler may have two realistic options for traveling to work, as follows: (i) driving, which would take 40 minutes (roundtrip) and cost \$10 for parking; or, (ii) taking transit, which would take 90 minutes (roundtrip) and cost \$4 in bus fare (\$2 each way). The mode choice model structure, as estimated in the early 2000s, includes coefficients that dictate how different travelers in different contexts make decisions regarding saving time versus saving money. These model coefficients value time in units consistent with year 2000 dollars, i.e. the model itself – not an exogenous input to the model – values time relative to costs in year 2000 dollars. Because re-estimating model coefficients is an “expensive” (in terms of staff time and/or consultant resources) process, it is done infrequently, which, in effect, “locks in” the dollar year in which prices are input to the travel model. In order to use the model’s coefficients properly, all prices must be input in year 2000 dollars. In the remainder of this document, prices are presented both in (close to) current year dollars, to give the reader an intuitive sense as to the scale of the input prices, as well as year 2000 dollars, which are the units required by the model coefficients.

Six different types of prices are explicitly represented in the travel model, as follows: (i) bridge tolls; (ii) express lane tolls; (iii) transit fares; (iv) perceived automobile operating cost and vehicle miles traveled tax; (v) parking charges; and (vi) cordon tolls. A brief discussion on how the model determines each synthetic traveler’s value of time is presented next, after which the input assumptions across each of these price categories are presented.

VALUE OF TRAVEL TIME

The model coefficients that link the value of time with the other components of decision utilities remain constant between the baseline and forecast years, with the one exception of the coefficients on travel cost. These coefficients are a function of each synthetic individual’s value of time, a number drawn, in both the historical and forecast year simulations, from one of four log-normal distributions (see Figure 8). The means of these distributions are a function of each traveler’s household income. The value of time for children in a household is equal to two-thirds that of an adult. The means and shapes of these distributions remain constant across forecast years and alternatives.

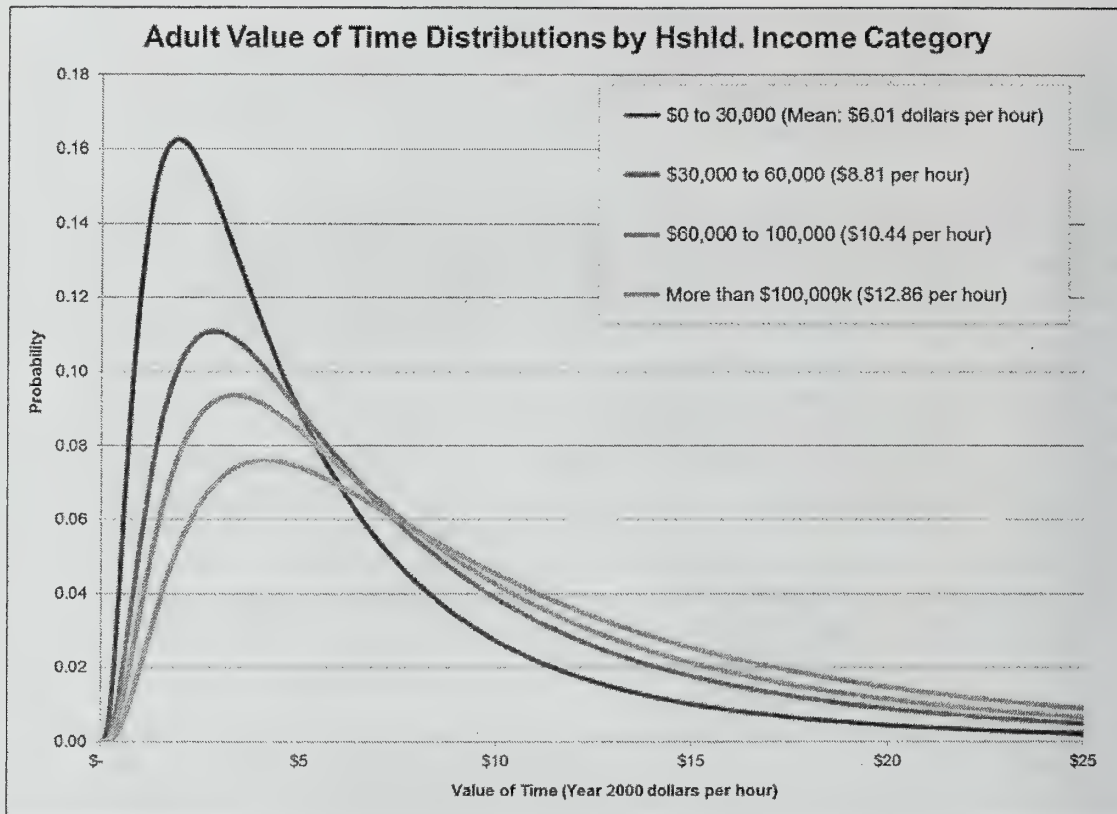


FIGURE 8: ADULT VALUE OF TIME DISTRIBUTION BY HOUSEHOLD INCOME

BRIDGE TOLLS

The historical scenarios for 2005 and 2010 use the bridge toll schedules in place at these historical points in time. Common bridge tolls assumed in the Year 2010 scenario are shown below in Table 7. Please note that Table 7 includes the price of tolls in year 2010 expressed in both year 2000 and year 2010 dollars.

TABLE 7: YEAR 2010 COMMON PEAK PERIOD BRIDGE TOLLS[†]

Bridge	2-axle, single-occupant toll		2-axle, carpool* toll	
	\$2000	\$2010	\$2000	\$2010
San Francisco/Oakland Bay Bridge	\$4.82	\$6.00	\$2.01	\$2.50
Antioch Bridge	\$4.02	\$5.00	\$2.01	\$2.50
Benicia/Martinez Bridge	\$4.02	\$5.00	\$2.01	\$2.50
Carquinez Bridge	\$4.02	\$5.00	\$2.01	\$2.50
Dumbarton Bridge	\$4.02	\$5.00	\$2.01	\$2.50
Richmond/San Rafael Bridge	\$4.02	\$5.00	\$2.01	\$2.50
San Mateo Bridge	\$4.02	\$5.00	\$2.01	\$2.50
Golden Gate Bridge	\$4.82	\$6.00	\$2.41	\$3.00

[†] The full toll schedule includes off-peak tolls and tolls for 3- or more axle vehicles. * Carpools are defined as either two-or-more- or three-or-more-occupant vehicles, depending on the bridge, and only receive a discount during the morning and evening commute periods (source: bata.mtc.ca.gov; goldengatebridge.org).

The No Project and Proposed Plan alternatives assume the toll schedule in place as of July 1, 2012. This schedule is consistent with the year 2010 tolls presented in Table 7, though there are differences in the tolls for multi-axle vehicles, which are not shown in Table 7¹². The toll schedules do not change in the forecast years. By keeping the toll prices constant (when expressed in real dollars), we are explicitly assuming that bridge tolls will be as “expensive” as they are today, when measured relative to parking fees, travel time, and transit fares. Said another way, bridge tolls are assumed to increase with inflation.

The Transit Priority, Enhanced Network of Communities, and Environment, Equity, and Jobs alternatives assume increases in the peak period single-occupant vehicle San Francisco/Oakland Bay Bridge toll. Specifically, these alternatives assume a real increase of \$1 (\$2010) in 2024 and another \$1 in 2029. As such, the peak period Bay Bridge toll increases, when measured in year 2010 dollars, from \$6 to

¹² Complete details are available here: <http://bata.mtc.ca.gov/tolls/schedule.htm>.

\$7 in 2024 and from \$7 to \$8 in 2029. The tolls for all other bridges are the same as in the Proposed Plan alternative.

The Proposed Plan, Transit Priority, Enhanced Network of Enhanced Communities, and Environment, Equity, and Jobs alternatives each assume a new toll of \$5 (\$2010) for passenger vehicles leaving Treasure Island during the morning and evening commute periods. The assumptions for each alternative are summarized in Table 8.

TABLE 8: BRIDGE TOLL ASSUMPTIONS BY ALTERNATIVE

<i>Alternative</i>	<i>Bridge Toll Assumptions</i>
Historical	Per scenario year schedule
No Project	Schedule as of July 1, 2012
Proposed Plan	No Project plus Treasure Island toll
Transit Priority	Proposed Plan plus increased peak period Bay Bridge toll
Enhanced Communities	Proposed Plan plus increased peak period Bay Bridge toll
Environment, Equity, and Jobs	Proposed Plan plus increased peak period Bay Bridge toll

EXPRESS LANE TOLLS

MTC's travel model explicitly represents the choice of travelers to pay a toll to use an express lane (i.e., a high-occupancy toll lane) in exchange for the time savings offered by the facility relative to the parallel free lanes. To exploit this functionality, the analyst must assign a travel price by time of day and vehicle class on each express lane link in the network. To efficiently and transparently simulate the impacts of the express lanes on behavior, we segmented the express lane network in the Proposed Plan alternative into about fifty corridors, with each corridor receiving a time-of-day-specific per mile toll fee. To illustrate the detail involved in this coding, Table 9 presents each corridor's limits, number of lanes, occupancy rules ("3+" means vehicles with three-or-more occupants can use the express lane without paying a toll), and commute period/commute direction per mile fee for the year 2035 simulation. Please note that the prices presented in Table 9 are not optimal – meaning, MTC did not analyze each corridor iteratively to find the price that maximized a pre-defined operational goal. Rather, the prices are adjusted a handful of times in an attempt to keep congestion low and utilization high. Importantly, the prices are held constant over four-hour morning (6 to 10 am) and evening (4 to 7 pm) commute periods. MTC's travel model assumes that congestion is uniform over the entire four-hour commute periods. We know

this is not true, but make this assumption as a simplification. The peak one-hour within the four-hour commute period would require, in most corridors, a higher toll than those listed in Table 9.

Please see the discussion on Roadway Supply for details regarding the limits of the express lane networks across alternatives. The prices listed in Table 9 are applied in each of the year 2035 and 2040 alternatives where the express lanes are operational (prices differ in the year 2010, 2015, and 2020 scenarios).

TABLE 9: YEAR 2035 PROPOSED PLAN ALTERNATIVE EXPRESS LANE TOLL PRICES

Roadway	DIR	From	To	Lanes	Occu- pancy Rules [†]	Cents per mile (\$2000)	Cents per mile (\$2010)
I-80	WB	I-680	Bay Bridge	1	3+	13.5	17.0
	EB	Bay Bridge	I-680	1	3+	7.0	8.8
I-80	WB	Yolo County Line	I-680	1	3+	0.0	0.0
	EB	I-680	Yolo County Line	1	3+	0.0	0.0
I-880	NB	US 101	Oakland International	1	3+	8.0	10.1
	NB	CA 237	Mission Blvd	2	3+	8.0	10.1
	NB	Mission Blvd	Oakland International	1	3+	8.0	10.1
	SB	Oakland International	Mission Blvd	1	3+	12.0	15.1
	SB	Mission Blvd	CA 237	2	3+	12.0	15.1
	SB	CA 237	US 101	1	3+	12.0	15.1
CA-17	NB	CA 85	US 101	1	3+	0.5	0.6
	SB	US 101	CA 85	1	3+	3.0	3.8
US 101	NB	I-880	Santa Clara County Line	2	3+	1.5	1.9
	NB	Santa Clara County Line	Whipple	1	3+	2.0	2.5
	SB	Whipple	Santa Clara County Line	1	3+	0.5	0.6
	SB	Santa Clara County Line	I-880	2	3+	1.5	1.9

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US 101	NB	San Benito County Line	Cochrane	1	3+	0.0	0.0
	NB	Cochrane	I-880	2	3+	0.0	0.0
	SB	I-880	Cochrane	2	3+	0.0	0.0
	SB	Cochrane	San Benito County Line	1	3+	0.0	0.0
CA 85	NB	US 101	I-280	1	3+	0.0	0.0
	NB	I-280	SR 87	2	3+	0.0	0.0
	NB	SR 87	US 101	1	3+	0.0	0.0
	SB	US 101	SR 87	1	3+	0.0	0.0
	SB	SR 87	I-280	2	3+	0.0	0.0
	SB	I-280	US 101	1	3+	0.0	0.0
I-680	SB	I-580	US 101	1	3+	10.0	12.6
	NB	US 101	I-580	1	3+	2.0	2.5
I-680	SB	I-80	I-580	1	3+	6.0	7.6
	NB	I-580	I-80	1	3+	3.7	4.7
I-580	WB	San Joaquin County Line	I-680	1	3+	2.5	3.2
	EB	I-680	Tassajara	1	3+	2.5	3.2
	EB	Tassajara	Vasco	2	2+	0.0	0.0
	EB	Vasco	San Joaquin County Line	1	3+	2.5	3.2
CA 237	WB	I-880	CA 85	1	3+	15.0	18.9
	EB	CA 85	I-880	1	3+	1.0	1.3

CA 87	NB	CA 85	US 101	1	3+	2.0	2.5
	SB	CA 85	US 101	1	3+	1.0	1.3
I-280	WB	US 101	CA 85	1	3+	1.0	1.3
	EB	CA 85	US 101	1	3+	0.5	0.6

TRANSIT FARES

The forecast year transit networks pivot off a year 2010 baseline network, i.e. the alternatives begin with 2010 conditions and add/remove service to represent the various alternatives. The transit fares in 2010 are assumed to remain constant (in real terms) in all of the forecast years. We are, therefore, explicitly assuming that transit fares will keep pace with inflation and that transit fares will be as expensive in the forecast year as they are today, relative to parking prices, bridge tolls, etc. As a simplification, we assume travelers pay the cash fare to ride each transit service. Table 10 includes fare prices in year 2010 expressed in both year 2000 and year 2010 dollars (i.e., the table does *not* include information about the cost of taking transit in the year 2000).

The above transit fares hold across forecast years for the No Project, Proposed Plan, Transit Priority, and Enhanced Network of Communities alternatives. The Environment, Equity, and Jobs alternative allows travelers under 18 years to travel on transit for free. The intent of the alternative is to allow only low income travelers to use transit for free. Due to time and software limitations, the simulation assumes *all* travelers under 18, even those from households with higher incomes, travel on transit for free.

TABLE 10: YEAR 2010 COMMON TRANSIT FARES[†]

Operator	Base fare	
	\$2000	\$2010
San Francisco Municipal Transportation Agency (Muni)	\$1.61	\$2.00
Alameda/Contra Costa Transit (AC Transit) – Local buses	\$1.61	\$2.00
Santa Clara Valley Transportation Authority (VTA) – Local buses	\$1.61	\$2.00
Santa Clara Valley Transportation Authority (VTA) – Express buses	\$4.02	\$5.00
San Mateo County Transit (SamTrans) – Local buses	\$1.61	\$2.00
Golden Gate Transit – Marin County to San Francisco service	\$2.93	\$3.65
County Connection (CCCTA)	\$1.61	\$2.00
Vallejo Transit	\$1.41	\$1.75
Tri-Delta Transit	\$1.41	\$1.75
Livermore Amador Valley Transit Authority (Wheels, LAVTA)	\$1.61	\$2.00

[†] This is a sample, rather than an exhaustive list, of Bay Area transit providers and fares.

PARKING PRICING

The travel model segments space into travel analysis zones (TAZs). Simulated travelers move between TAZs and, in so doing, burden the transportation network. Parking costs are applied at the TAZ-level: travelers going to zone X in an automobile must pay the parking cost assumed for zone X.

The travel model uses hourly parking rates for daily/long-term (those going to work or school) and hourly/short-term parkers. The long-term hourly rate for daily parkers represents the advertised monthly parking rate, averaged for all lots in a given TAZ, scaled by 22 days per month, then scaled by 8 hours per day; the short-term hourly rate is the advertised hourly rate – generally higher than the rate daily parkers pay – averaged for all lots in a given TAZ. Priced parking in the Bay Area generally occurs in greater downtown San Francisco, downtown Oakland, Berkeley, downtown San Jose, and Palo Alto.

In forecasting, we assume that parking prices change over time per a simple model: parking cost is assumed to increase linearly with employment density. Across the alternatives and scenario years, therefore, the parking charges vary with employment density.

PERCEIVED AUTOMOBILE OPERATING COST AND VEHICLE-MILES TRAVELED TAX

When deciding between traveling in a private automobile or on a transit vehicle (or by walking, bicycling, etc.), MTC assumes travelers consider the cost of operating and maintaining, but not owning and insuring, their automobiles. The following three inputs are used to determine the perceived automobile operating cost: average fuel price, average fleet-wide fuel economy, and non-fuel-related operating and maintenance costs.

In an effort to improve consistency among travel models across the state, the Regional Targets Advisory Committee (formed in response to Senate Bill 375) recommended that California's metropolitan planning organizations (MPOs) use consistent assumptions for fuel price and for the computation of automobile operating cost in long range planning. Using forecasts generated by the United States Department of Energy (DOE) in the Summer of 2010 (and expressed in year 2009 dollars), MPOs agreed to use the fuel prices and non-fuel-related prices presented in Table 10, which is a weighted average of DOE's low-end estimate (25 percent weight) and DOE's high-end estimate (75 percent), plus a 25 cents surcharge to account for fuel generally being more expensive in California. The average fleet-wide fuel economy implied by the EMFAC software – also presented in Table 11 – is used to represent the average fleet-wide fuel economy.

TABLE 11: PERCEIVED AUTOMOBILE OPERATING COST CALCULATIONS

Measure	Analysis year			
	2010	2020	2035	2040
Average fuel price (Year 2000 dollars per gallon)	\$2.61	\$3.81	\$4.21	\$4.33
Average fuel price (Year 2009 dollars per gallon)	\$3.25	\$4.74	\$5.24	\$5.40
EMFAC-implied fuel economy (miles per gallon)	21.35	24.10	30.88	31.26
Non-fuel-related operating cost (\$2000 per mile)	\$0.06	\$0.07	\$0.09	\$0.09
Non-fuel-related operating cost (\$2009 per mile)	\$0.08	\$0.09	\$0.11	\$0.12
Perceived automobile operating cost (\$2000 per mile) [†]	\$0.18	\$0.22	\$0.22	\$0.23
Perceived automobile operating cost (\$2009 per mile) [†]	\$0.23	\$0.28	\$0.28	\$0.29

[†] Sum of the fuel-related operating cost (average fuel price divided by average fuel economy) and non-fuel-related operating cost

With one exception, the assumptions shown in Table 10 hold across each of the forecast year alternatives. Specifically, the year 2020, 2035, and 2040 simulations for the No Project, Proposed Plan, Transit Priority, and Enhanced Network of Communities use the perceived automobile operating costs shown in Table 10.

The Environment, Equity, and Jobs alternative increases the perceived automobile operating costs by 1 cent per mile (\$2011; 0.78 cents per mile in year 2000 dollars) in each of the forecast year alternatives. This additional penny per mile is intended to simulate a vehicle-miles traveled tax. Per the vision of the crafters of this alternative, low income travelers would be exempt from the tax. Due to time and software limitations, the simulation assumes *all* travelers, even low income travelers, pay the tax.

CORDON TOLLS

The Proposed Plan, Transit Priority, Enhanced Network of Communities, and Environment, Equity, and Jobs alternatives include a cordon toll in San Francisco. The scheme requires all vehicles to pay a \$3.00 (\$2010; \$2.40 in year 2000 dollars) fee to enter the greater downtown San Francisco area during the morning and evening commute periods. The cordoned area is bounded by Laguna Street to the West, 18th Street to the South, and the San Francisco Bay to the North and East¹³.

Other Key Assumptions

An additional key assumption relates to telecommuting. Technology is currently allowing large numbers of Bay Area residents to work at home¹⁴ and the MTC travel model allows for the explicit representation of full-time workers staying home on the typical weekday simulation. In the forecast years, MTC assumes the trend of workers working at home revealed in the 1980, 1990, 2000, and 2010 Census will continue through 2040. Figure 9 presents the historical data, the trend, and the MTC forecasts. These telecommuting assumptions are the same across alternatives, meaning full-time workers telecommute at the same rate in the No Project, Proposed Plan, Transit Priority, Enhanced Network of Communities, and Environment, Equity, and Jobs alternatives.

¹³ Additional details are available from San Francisco County here: <http://www.sfcta.org/content/view/468/288/>.

¹⁴ Additional information is available here: <http://www.workshifting.com/downloads/downloads/Telework-Trends-US.pdf>.

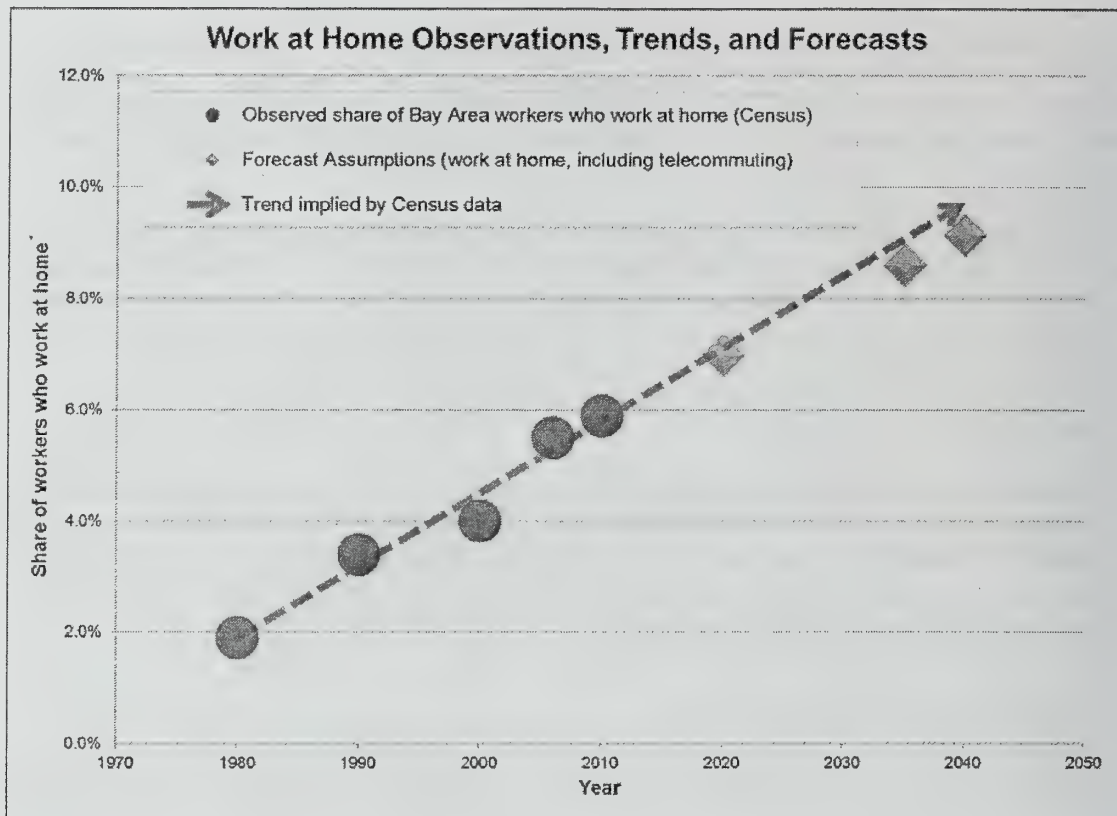


FIGURE 9: WORK AT HOME OBSERVATIONS, TRENDS, AND FORECASTS

4 Key Results

Selected travel model results across a variety of dimensions are summarized and discussed here. The presented results are not exhaustive and are intended only to give the reader a general sense of the expected behavioral changes in response to differing input assumptions across the alternatives and forecast years.

Performance Targets and Equity Analysis

The purpose of this document is to describe the response of travelers to the projects and policies implemented in the alternatives described in the previous section. Information from the travel model is also used to help assess the performance of each of the alternatives per agency-adopted targets. This information is described in the *Performance Assessment Report* available at www.onebayarea.org.

Information from the travel model is also used to analyze how different populations are impacted by the investments and policies included in each alternative. This information is described in the *Equity Analysis Report* available at www.onebayarea.org.

Automobile Ownership

Figure 10 presents the automobile ownership rates across the five alternatives in the year 2040 simulations as well as year 2010. The differences across alternatives are not dramatic. One key finding is the general increase in zero automobile households in the Proposed Plan, Transit Priority, Enhanced, and EEJ alternatives.

To give a sense of the change in automobile ownership over time, results for the Proposed Plan alternative simulations for 2020, 2030, and 2040 are compared to year 2010 results in Figure 11. Here, we see a steady increase in zero automobile households and a steady decrease in two automobile households.

Share of Households by Automobile Ownership Category

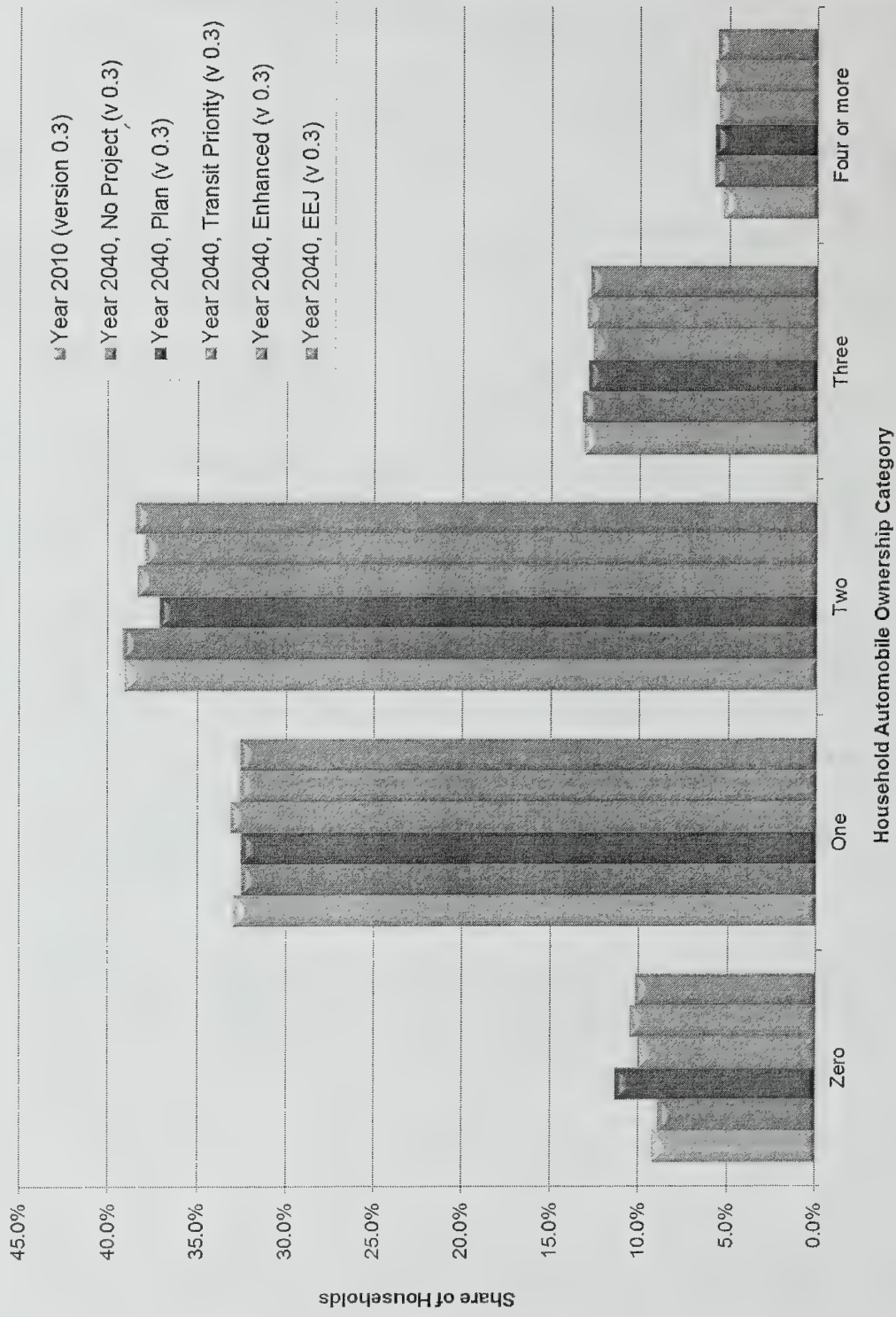


FIGURE 10: YEAR 2040 AUTOMOBILE OWNERSHIP RESULTS

Share of Households by Automobile Ownership Category

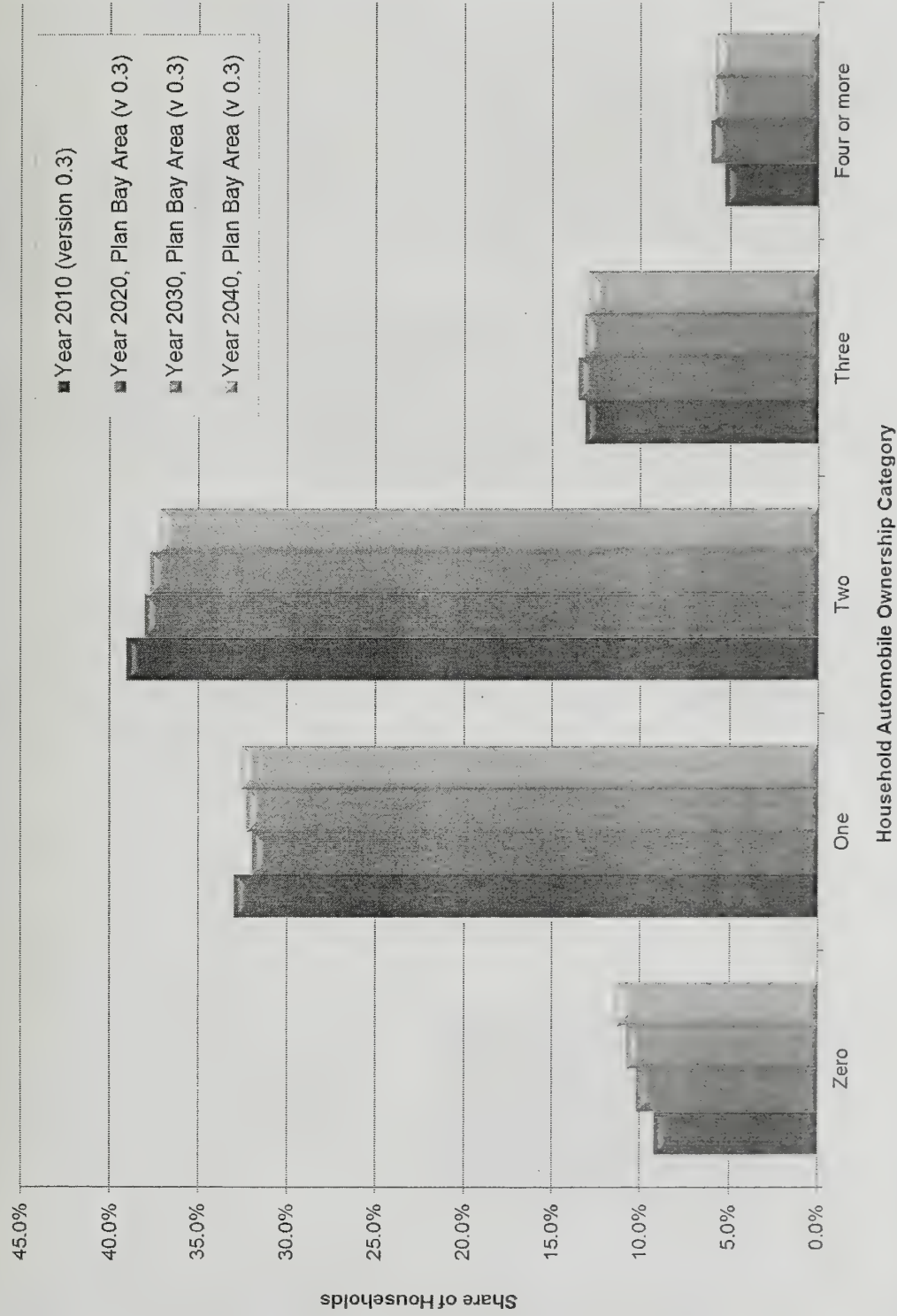


FIGURE 11: AUTOMOBILE OWNERSHIP RESULTS FOR PROPOSED PLAN ALTERNATIVE

Activity Location Decisions

Figure 12 and Figure 14 present the average trip distance by travel mode for all travel and for trips on work tours, respectively, for the year 2010 and the year 2040 alternatives. The key finding here is that each of the five forecast alternatives brings activities closer together relative to 2010. The substantial investment in transit technologies that tend to serve longer distance travel markets, such as commuter rail (see Figure 6), causes the average transit trip distance to increase a bit relative to 2010. These trends are more apparent in the summary of work travel in Figure 14.

Companion results for the Proposed Plan alternative for 2020, 2030, and 2040 are presented in Figure 13 and Figure 15. Again, over time, activities are getting closer together and transit is becoming more competitive for longer distance travel. Figure 16 speaks to the volume of travel, showing the change in the Proposed Plan alternative 2020, 2030, and 2040 simulations relative to year 2010. As the population increases, so does the amount of travel.

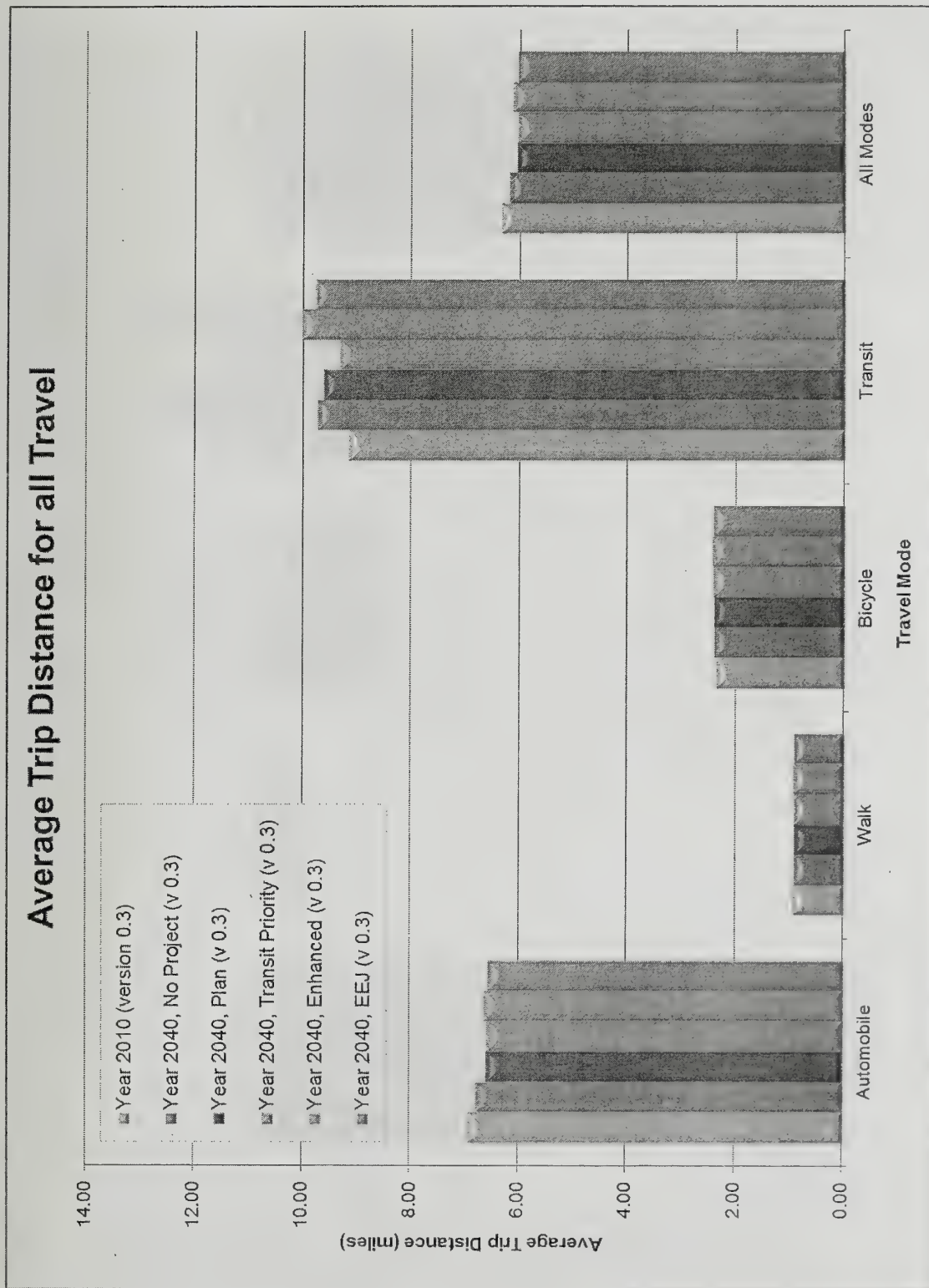


FIGURE 12: YEAR 2040 AVERAGE TRIP DISTANCE

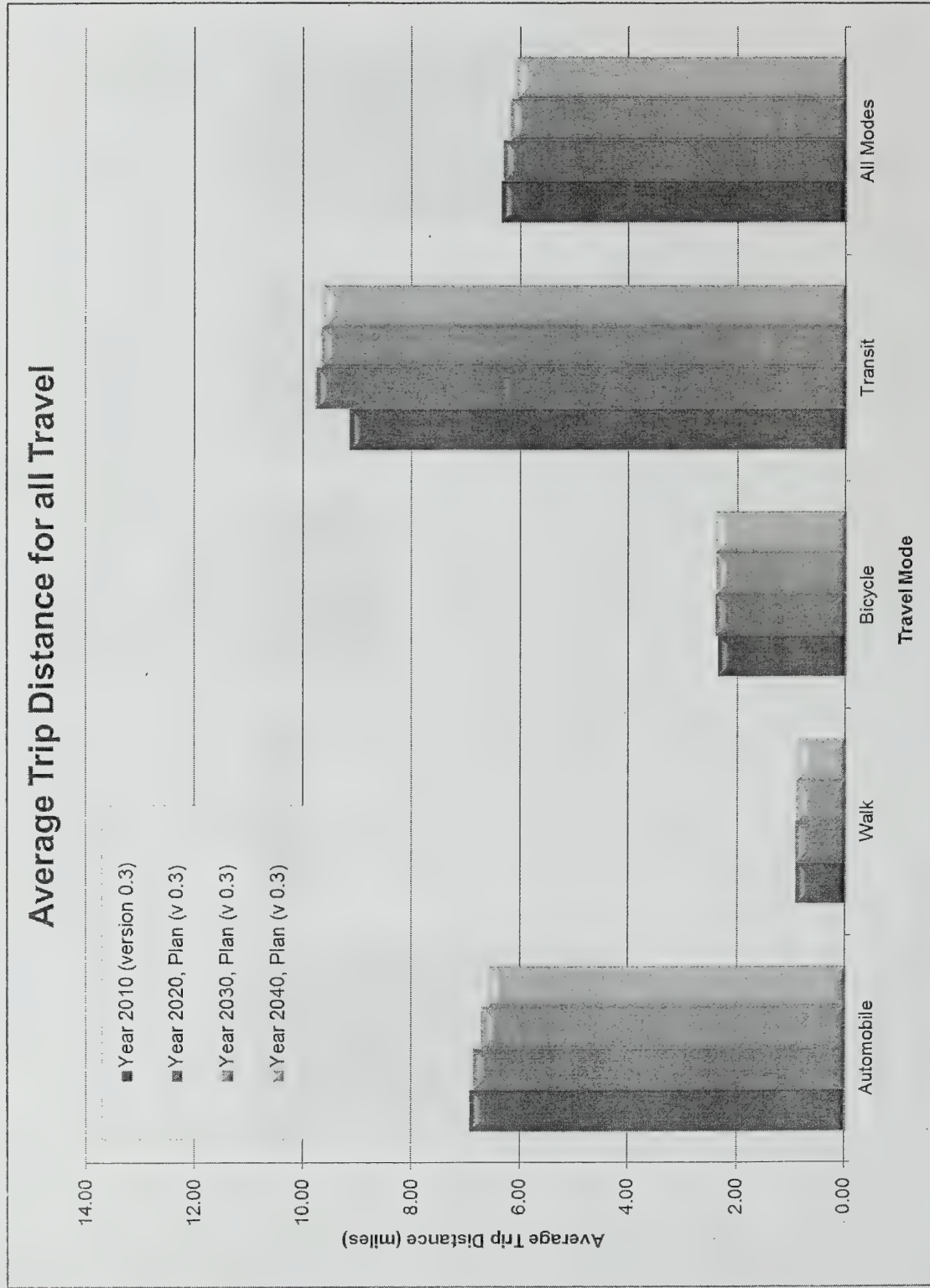


FIGURE 13: AVERAGE TRIP DISTANCE FOR PROPOSED PLAN ALTERNATIVE

Average Trip Distance for Travel on Work Tours

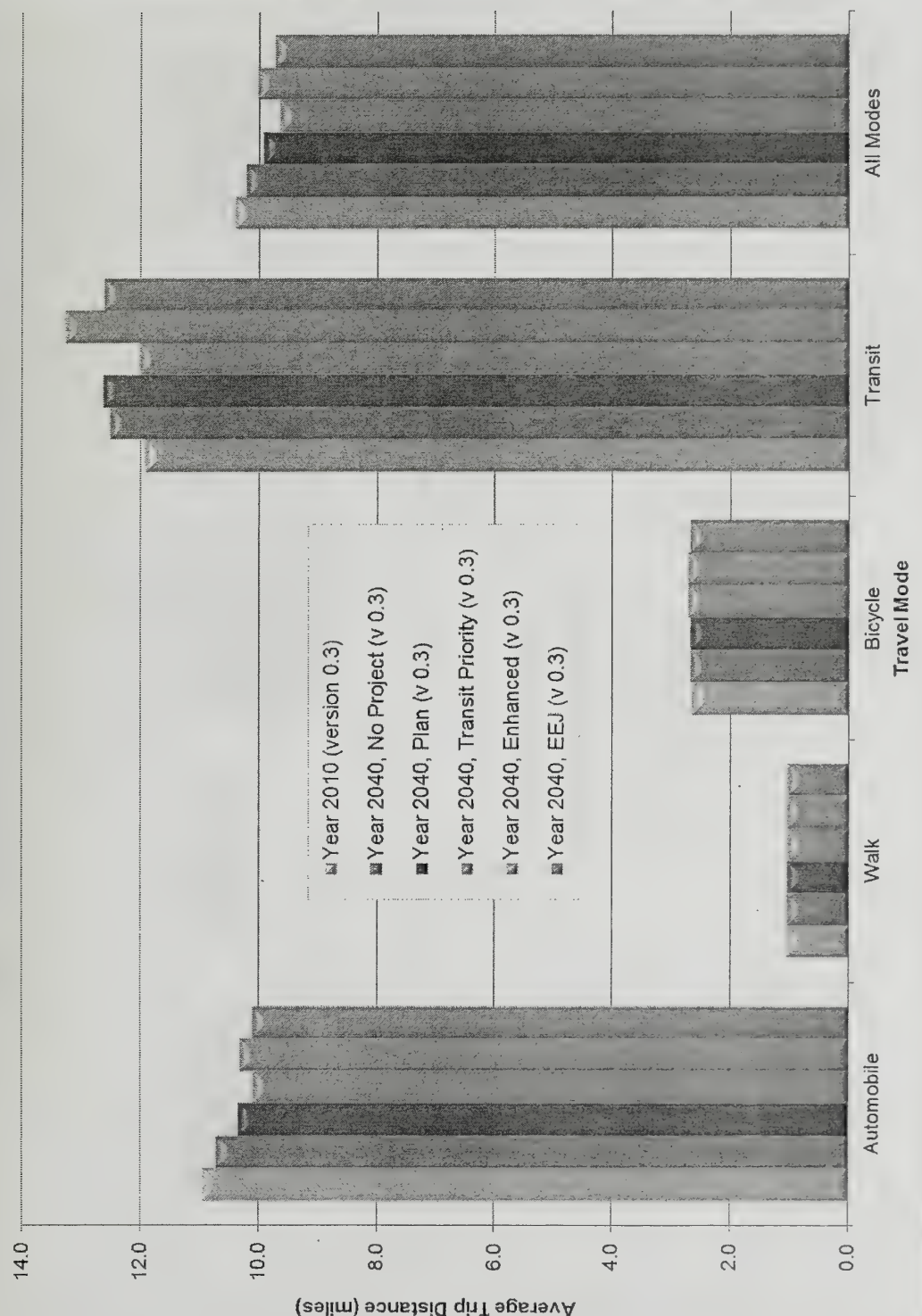


FIGURE 14: YEAR 2040 AVERAGE TRIP DISTANCE FOR TRAVEL ON WORK TOURS

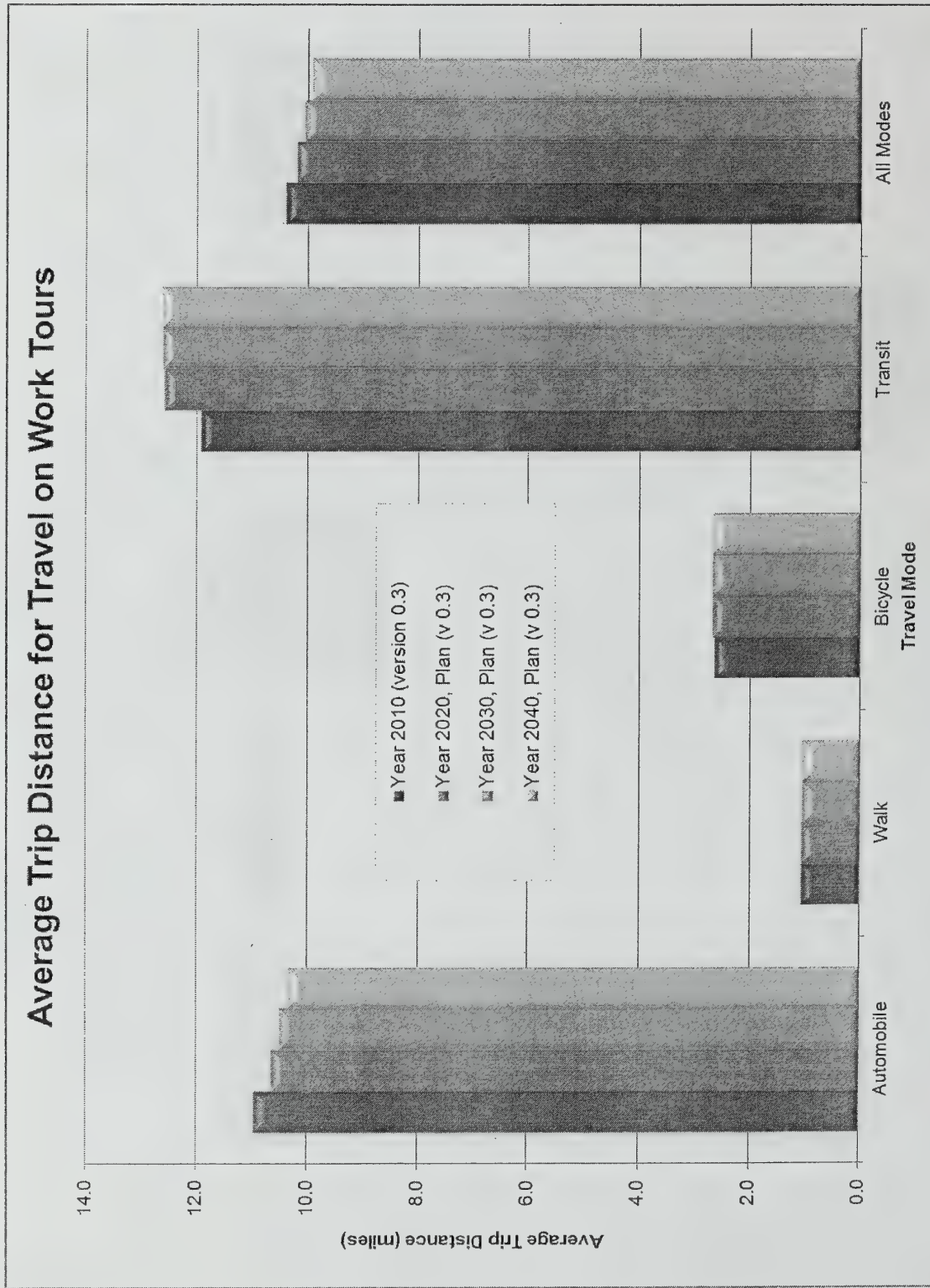


FIGURE 15: AVERAGE TRIP DISTANCE FOR TRAVEL ON WORK TOURS FOR PROPOSED PLAN ALTERNATIVE

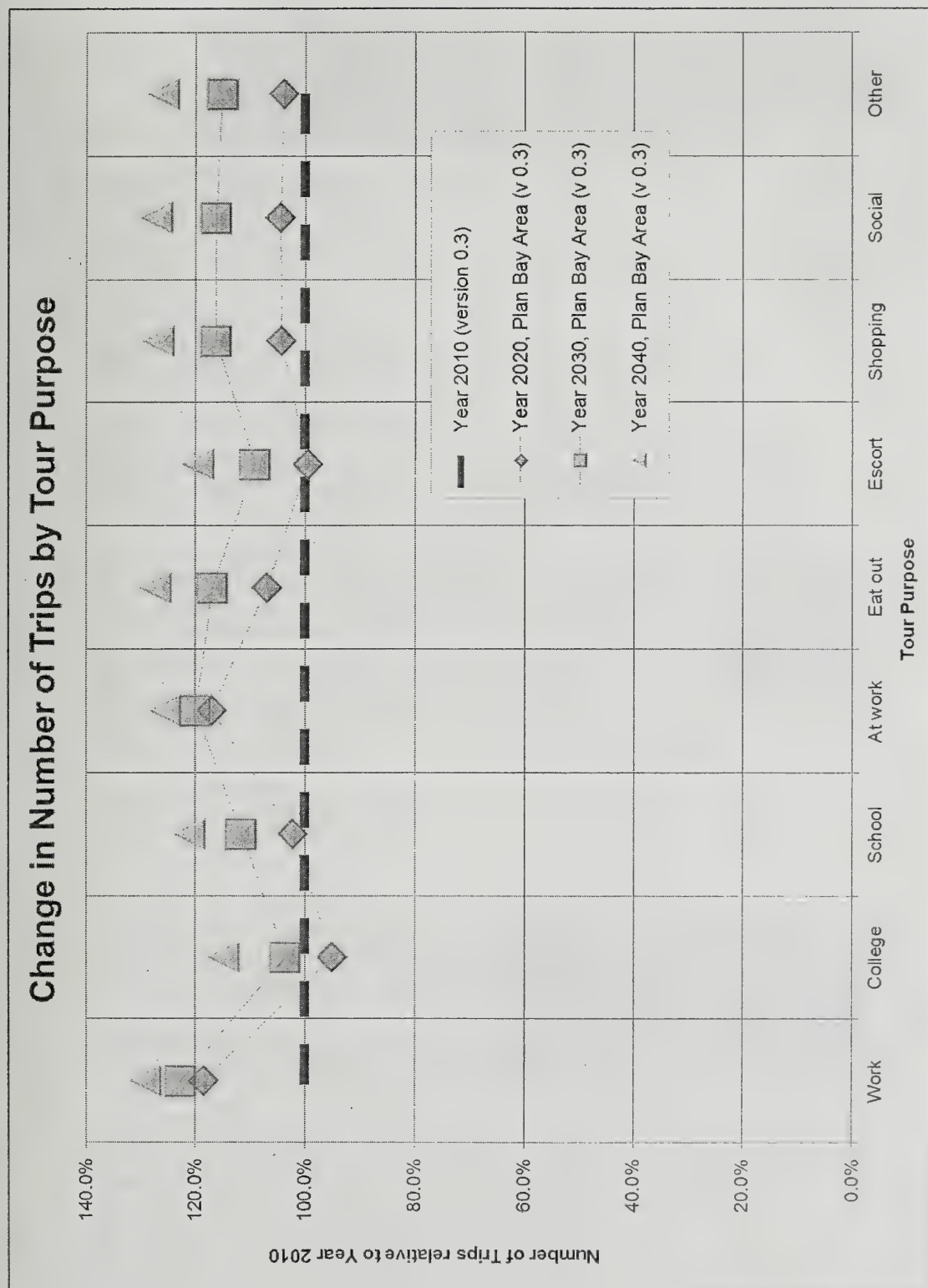


FIGURE 16: CHANGE IN NUMBER OF TRIPS BY TOUR PURPOSE FOR PROPOSED PLAN ALTERNATIVE

Travel Mode Choice Decisions

The means by which a traveler gets from point A to point B is referred to as the travel mode. Within MTC's representation of travel behavior, five automobile-based modal options are considered, specifically:

- traveling alone in a private automobile and opting *not* to pay to use an express lane ("single occupant, no HOT"), an option only available to those in households who own at least one automobile;
- traveling alone in a private automobile and opting to pay to use an express lane ("single occupant, pay to use HOT"), an option only available to those who both own a car and whose journey would benefit from using the express lane facility (e.g., this option is not available to those driving through a residential neighborhood to drop a child at school);
- traveling with one other occupant in a private automobile and opting *not* to pay to use an express lane ("two occupants, no HOT") (these travelers can use carpool lanes for which they are eligible), an option available to those in households with and without automobiles;
- traveling with one other occupant in a private automobile and opting to pay to use an express lane ("two occupants, pay to use HOT"), an option available to those in households with and without automobiles but only to those who would benefit from using an express lane (if the express lane facility which benefits these travelers allows two occupant vehicles to travel for free, than these travelers are categorized as "two occupants, no HOT"); and,
- traveling with two other occupants in a private automobile ("three-or-more occupants") – these vehicles are uniformly allowed to travel for free on express lane facilities across all of the alternatives (as well as carpool facilities).

The travel model explicitly considers numerous non-automobile options which are collapsed here into the following four options: transit, getting to and from by foot ("walk to transit"); transit, getting to or from in an automobile ("drive to transit"); walk; and, bicycle.

Figure 17 and Figure 18 present the share of trips made by various travel modes. Figure 17 shows shares of travel in automobile by occupancy category as well as willingness to pay to use an express lane. Overall, we predict Bay Area residents will reduce the share of travel accomplished in a private automobile from about 83 percent in 2010 to just below 80 percent in 2040 in the Proposed Plan, Transit Priority, and Environment, Equity, and Jobs alternatives. Figure 18 presents companion results for non-automobile travel models, including public transit, walking, and bicycling. Here, we see an increase in walking and transit across the year 2040 alternatives, which reflect the increases in transit service and increasingly efficient land development patterns.

Figure 19 and Figure 20 show the automobile and non-automobile travel mode share results for the year 2020, 2030, and 2040 simulations of the Proposed Plan alternative. Here, we see a steady but small shift to non-automobile modes from 2010 to 2040.

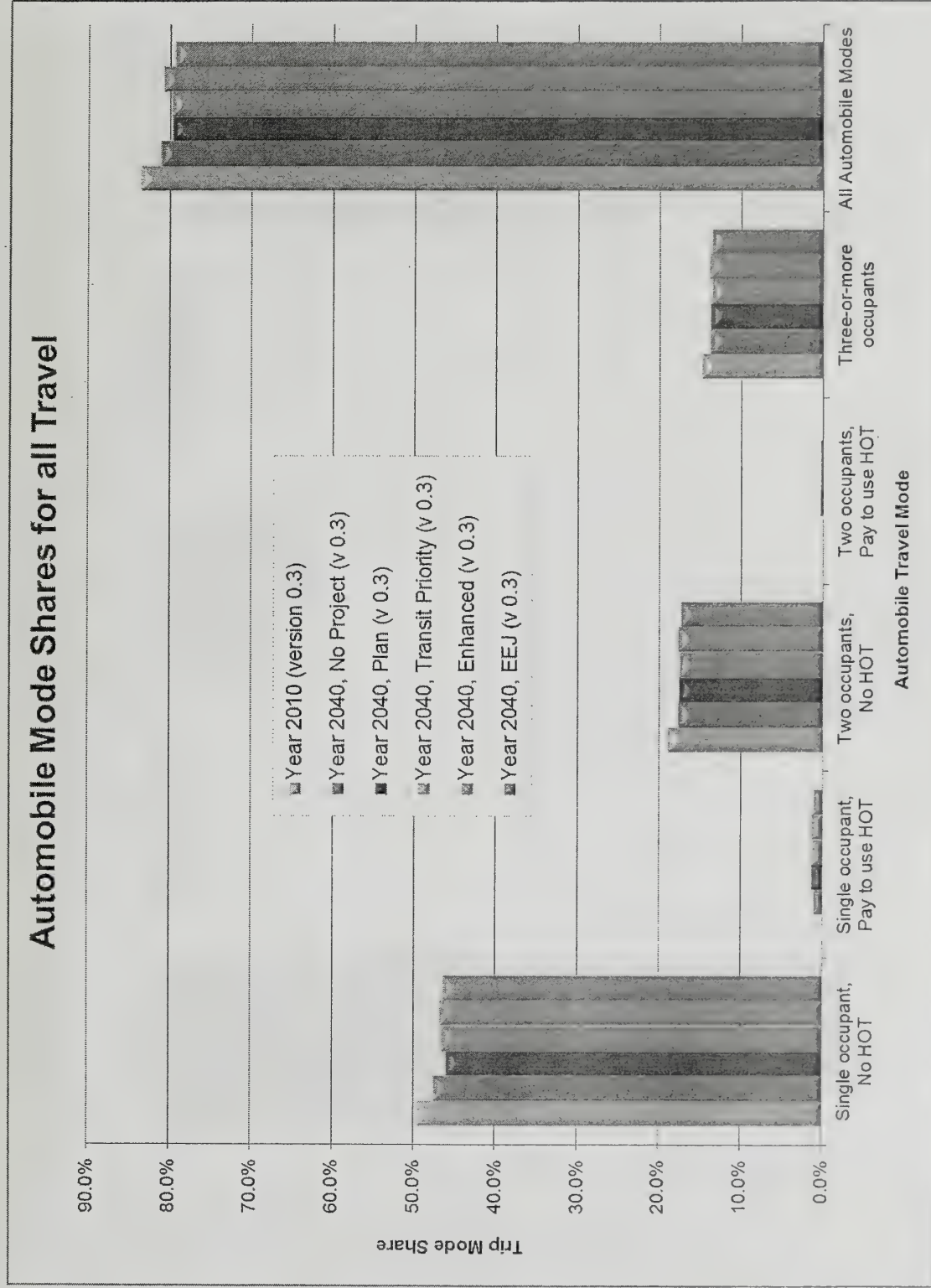


FIGURE 17: YEAR 2040 AUTOMOBILE MODE SHARES FOR ALL TRAVEL

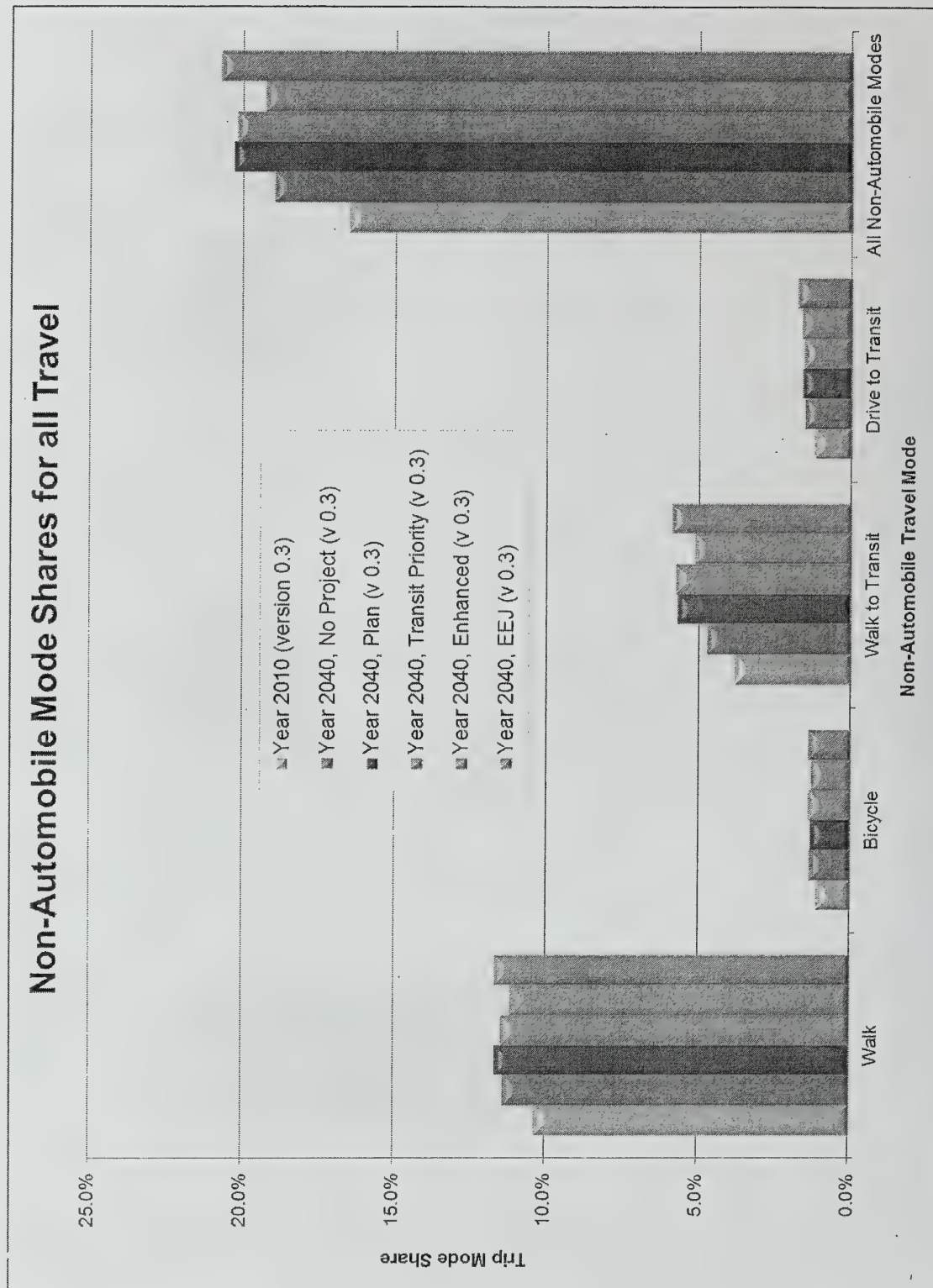


FIGURE 18: YEAR 2040 NON-AUTOMOBILE MODE SHARES FOR ALL TRAVEL

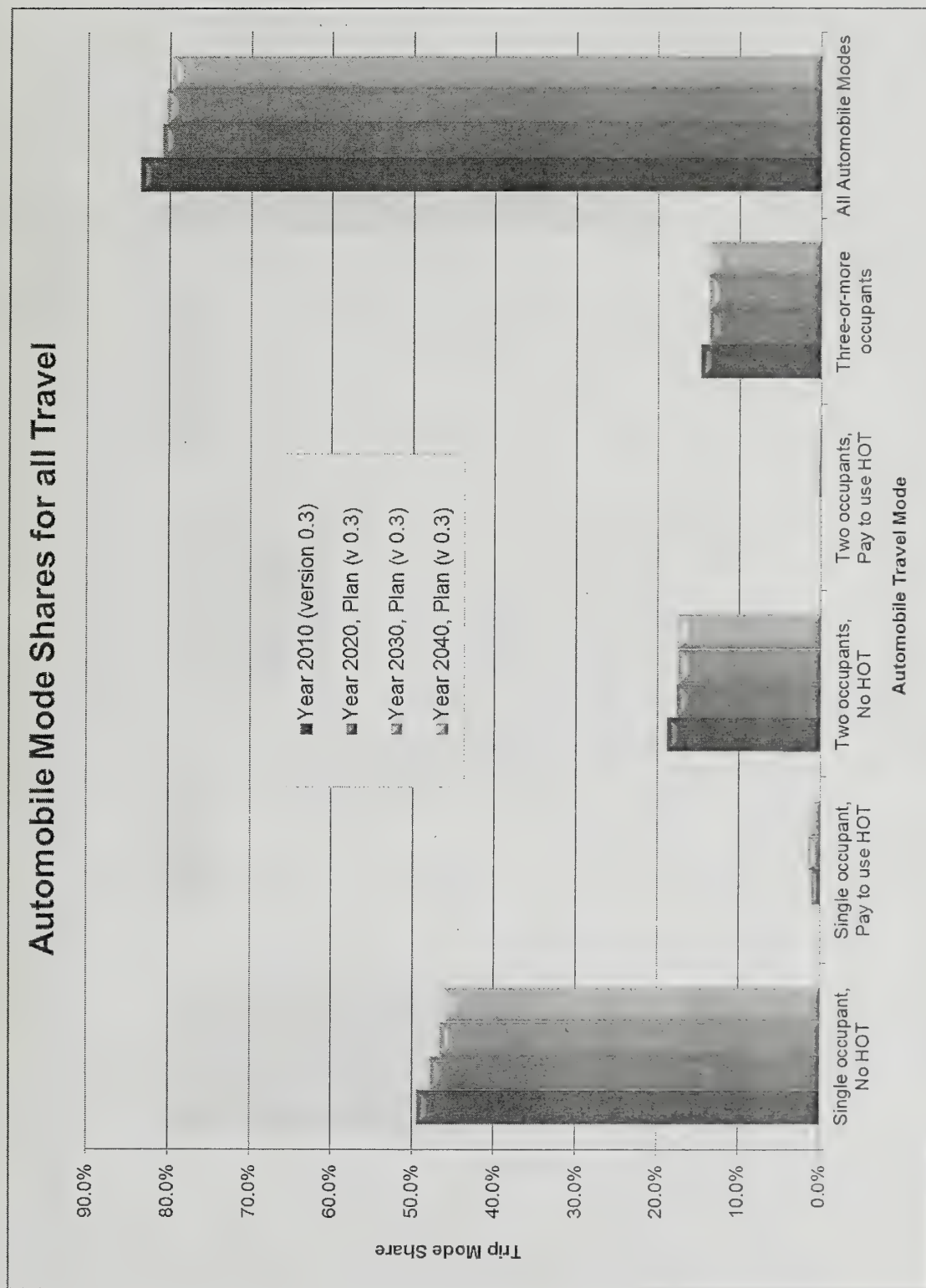


FIGURE 19: AUTOMOBILE MODE SHARES FOR ALL TRAVEL FOR PROPOSED PLAN ALTERNATIVE

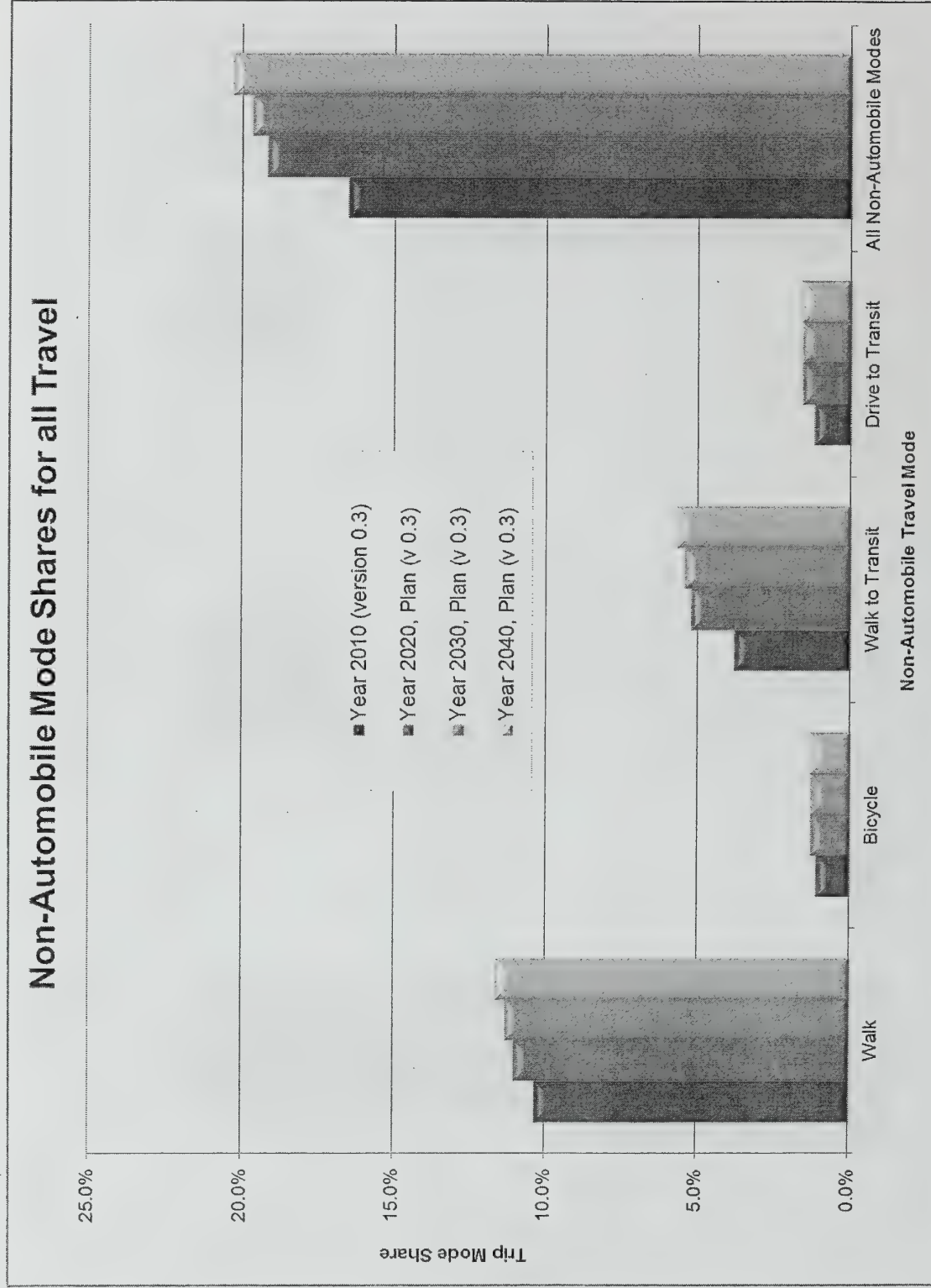


FIGURE 20: NON-AUTOMOBILE MODE SHARES FOR ALL TRAVEL FOR PROPOSED PLAN ALTERNATIVE

Aggregate Transit Demand Estimates

Bay Area residents choosing to travel by transit are explicitly assigned to a specific transit service. As a simplification, MTC groups transit lines into the following technology-specific categories:

- **Local bus:** standard, fixed-route bus service, of the kind a traveler may take to and from a neighborhood grocery store, as well as so-called “bus rapid transit” service.
- **Express bus:** longer distance service typically provided in over-the-road coach technology. Golden Gate Transit, for example, provides express bus service between Marin County and Downtown San Francisco.
- **Light rail:** represented in the Bay Area by San Francisco’s Muni Metro and F-Market streetcar services, as well as Santa Clara Valley Transportation Authority’s light rail service.
- **Heavy rail:** another name for the Bay Area Rapid Transit (BART) service.
- **Commuter rail:** longer distance rail service typically provided on grade-separated railroads, including Caltrain, SMART, Capitol Corridor, Altamont Commuter Express, and Amtrak.

Figure 21 presents the estimates of transit boardings by these categories on the typical weekday simulated by the travel model. The Environment, Equity, and Jobs alternative, which includes the most expansive transit system across the five alternatives (see the Transit Supply section), has the highest expected transit ridership at about 3.2 million daily boardings, which is approximately twice the year 2010 estimate of 1.6 million boardings.

Figure 22 shows boardings for year 2010 as well as the year 2020, 2030, and 2040 Proposed Plan alternative simulations. Here, a steady and substantial increase in ridership is expected every decade.

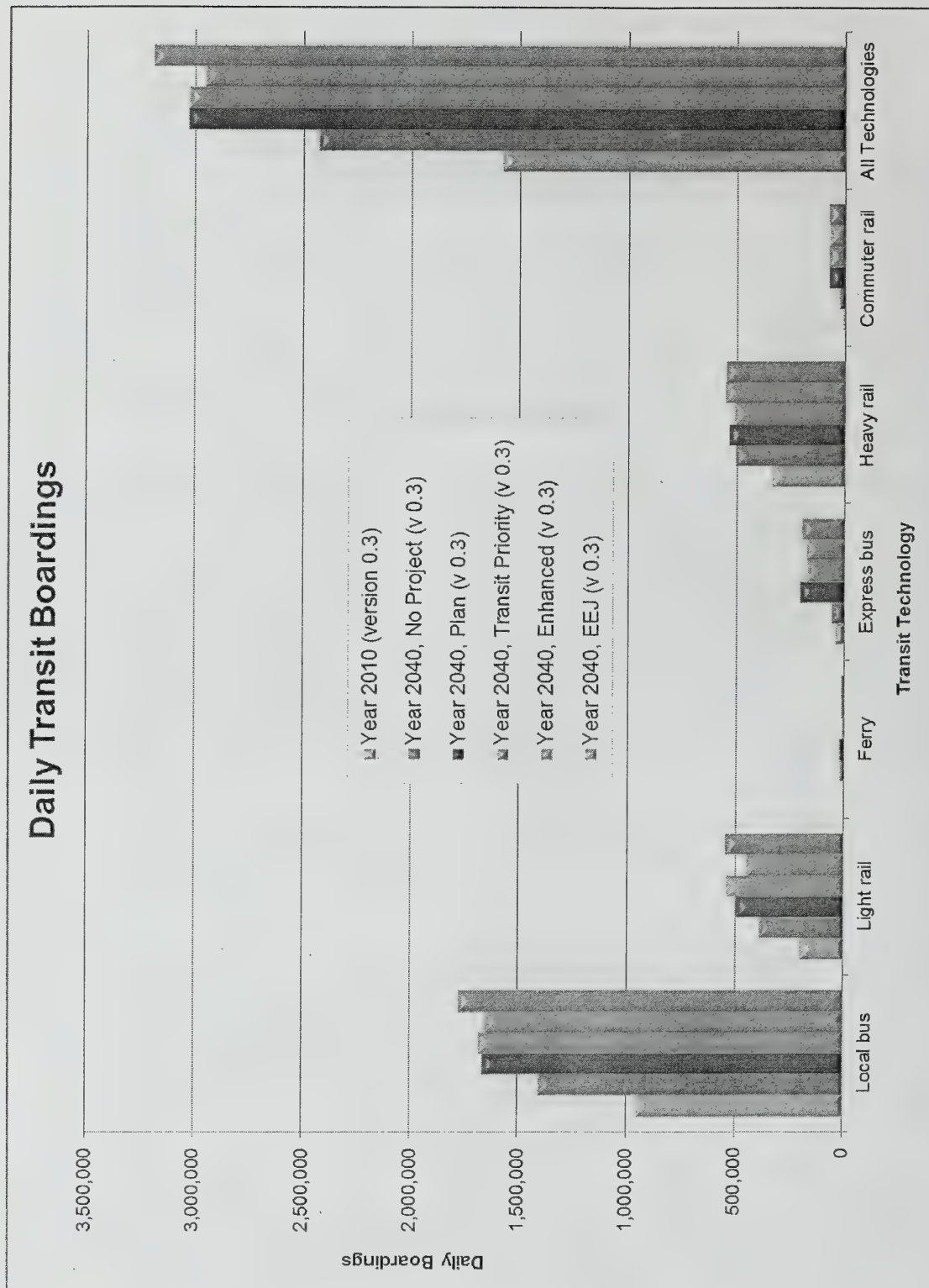


FIGURE 21: YEAR 2040 TYPICAL WEEKDAY TRANSIT BOARDINGS BY TECHNOLOGY

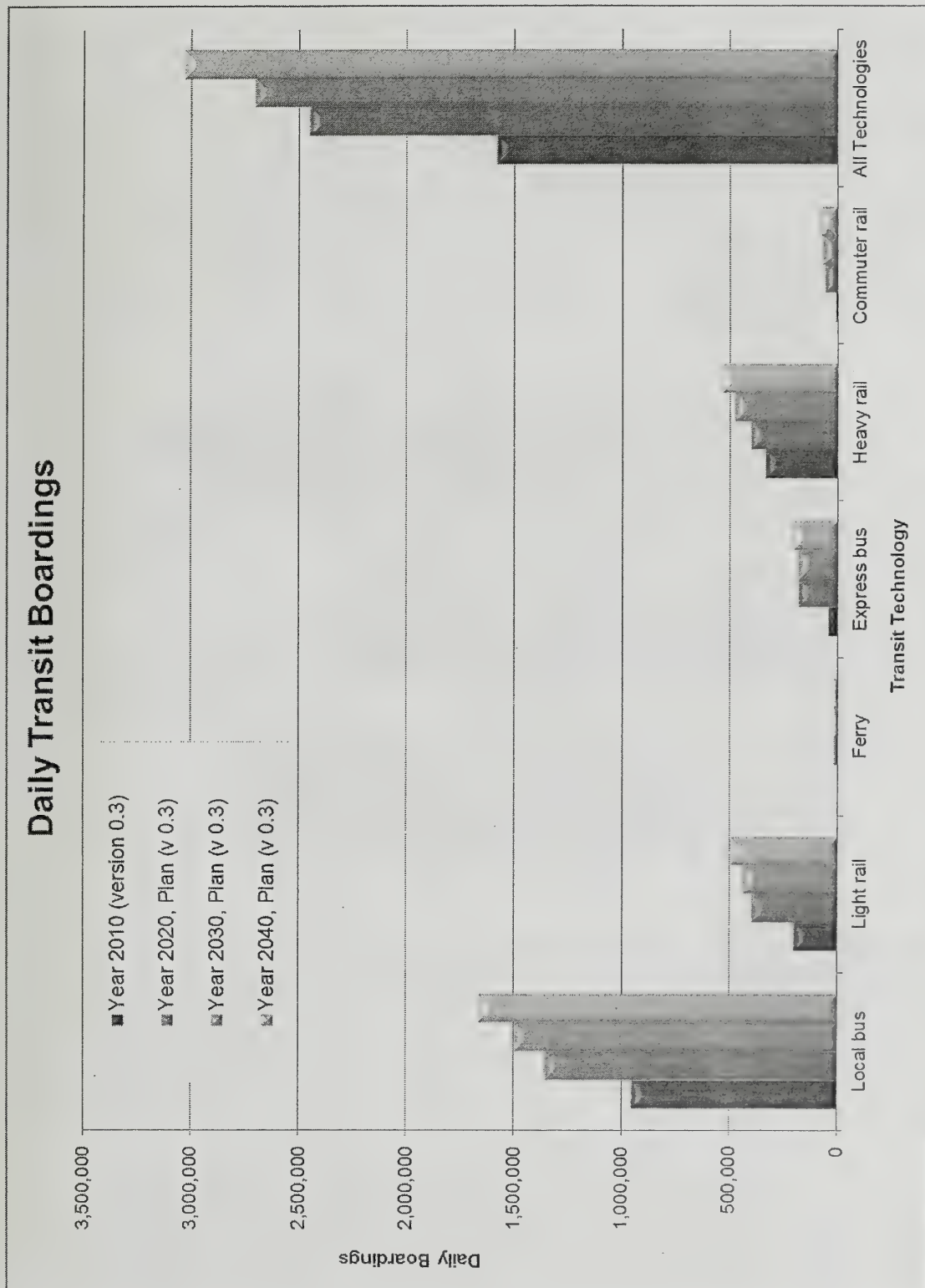


FIGURE 22: TYPICAL WEEKDAY BOARDINGS BY TECHNOLOGY FOR PROPOSED PLAN ALTERNATIVE

Roadway Congestion Estimates

Trips made by automobile are first aggregated into matrices identifying each trip's origin and destination and then "assigned" to a representation of the Bay Area's roadway network. The assignment process iteratively determines the shortest path between each origin-destination pair, shifting some number of trips to each iteration's shortest path, until the network reaches a certain level of equilibrium – defined as a state in which travelers cannot change to a lower "cost" route (where cost is expressed in monetary and non-monetary (e.g., time) units). The assignment process inherently computes numerous quantities of interest, such as vehicle miles traveled, delay, and average travel speed.

Please note that MTC maintains three separate estimates of the quantity of vehicle miles traveled (VMT), as follows: (1) the quantity assigned directly to the highway network; (2) the quantity assigned to the highway network plus so-called intra-zonal VMT, which is computed off-line; (3), the quantity (2) adjusted to match the amount of VMT the Air Resources Board (CARB) believes takes place in the Bay Area (a number slightly higher than MTC's estimate). In this document, the VMT identified as quantity (1) in the above list is presented; the emission estimates (presented in the next subsection) are based on the VMT identified as quantity (3).

Figure 23 first segments VMT into five time periods and then scales the VMT by the number of hours in each time period. The result is the intensity of VMT by time of day as well as the increase in VMT from 2010 to 2040. Overall, VMT varies only slightly across the year 2040 alternatives, with the Enhanced Network of Communities alternative having the highest VMT due to the larger Bay Area population assumed in this alternative.

Figure 24 presents the average freeway speed across the alternatives. Looking at the speeds during the morning and evening commute periods, we see a reduction in speed (or, said another way, an increase in congestion) from the year 2010 scenario to the year 2040 No Project alternative. Each of the alternatives improves freeway speed, with the greatest improvement coming in the Transit Priority alternative.

Figure 25 and Figure 26 present hourly VMT and freeway speeds for the year 2020, 2030, and 2040 simulations of the Proposed Plan alternative. In these charts, we can see VMT growing over time and freeway speeds degrading after 2020.

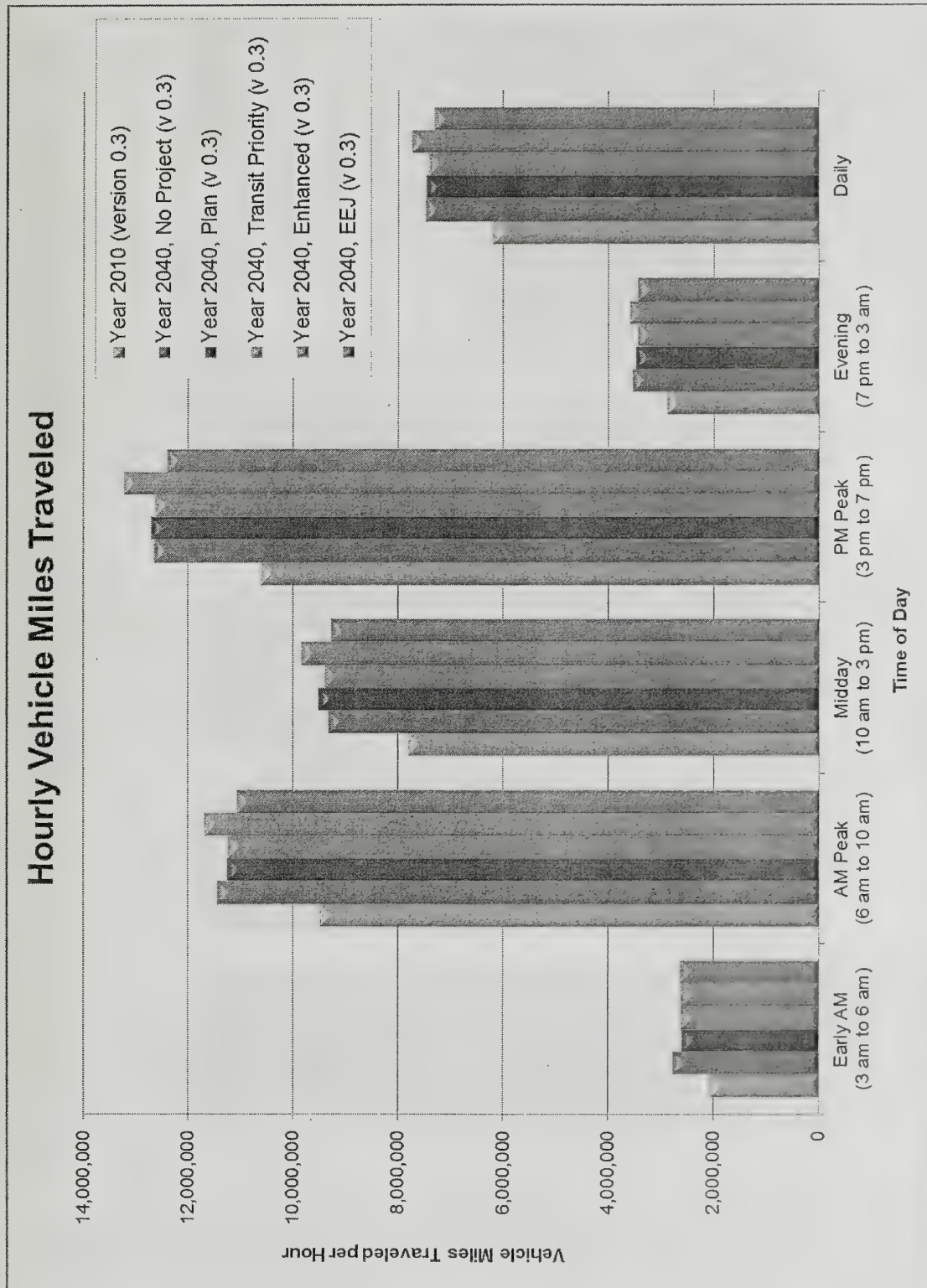


FIGURE 23: YEAR 2040 VEHICLE MILES TRAVELED PER HOUR BY TIME PERIOD

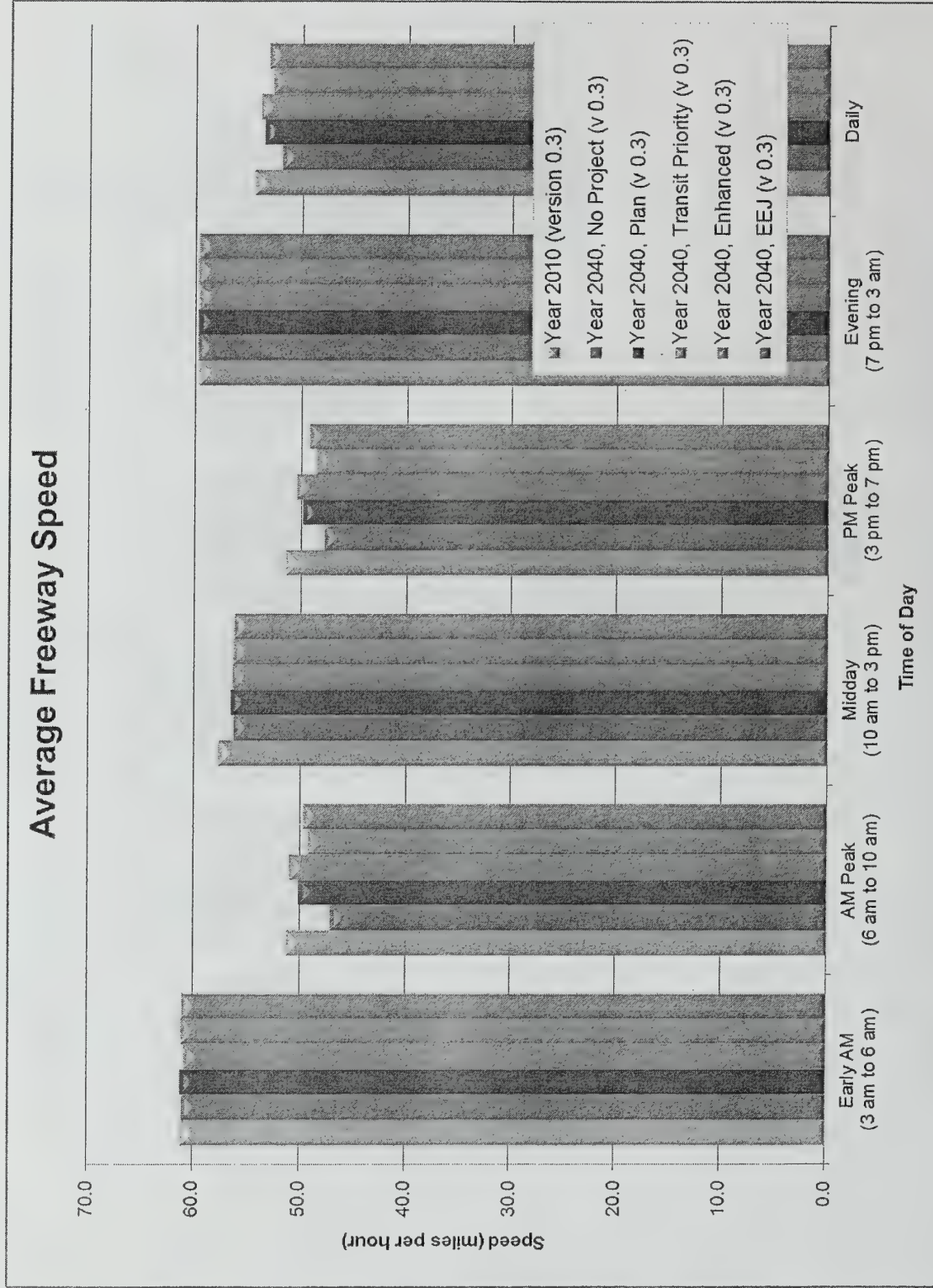


FIGURE 24: YEAR 2040 AVERAGE VEHICLE SPEEDS ON FREEWAYS

Hourly Vehicle Miles Traveled

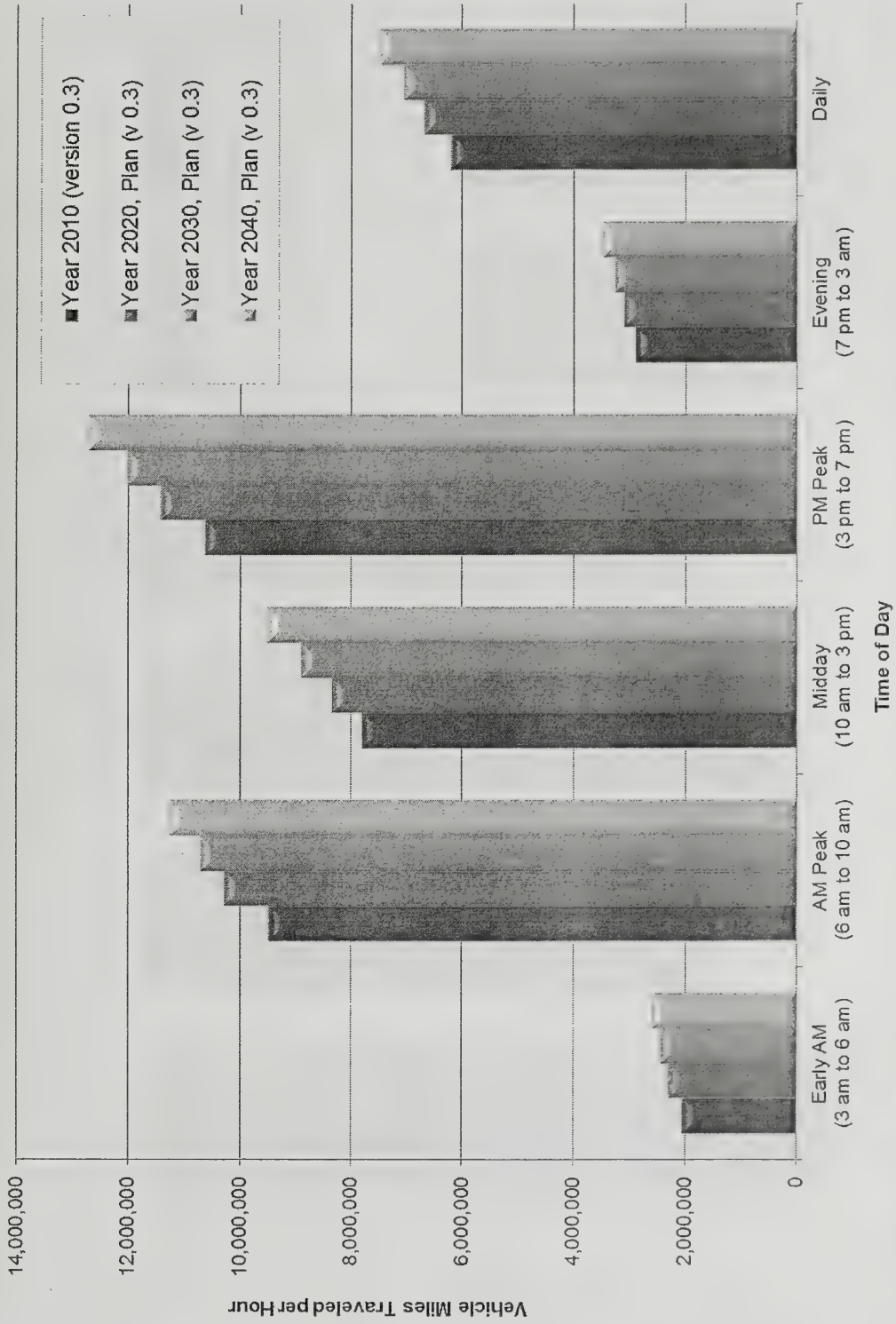


FIGURE 25: VEHICLE MILES TRAVELED PER HOUR FOR PROPOSED PLAN ALTERNATIVE

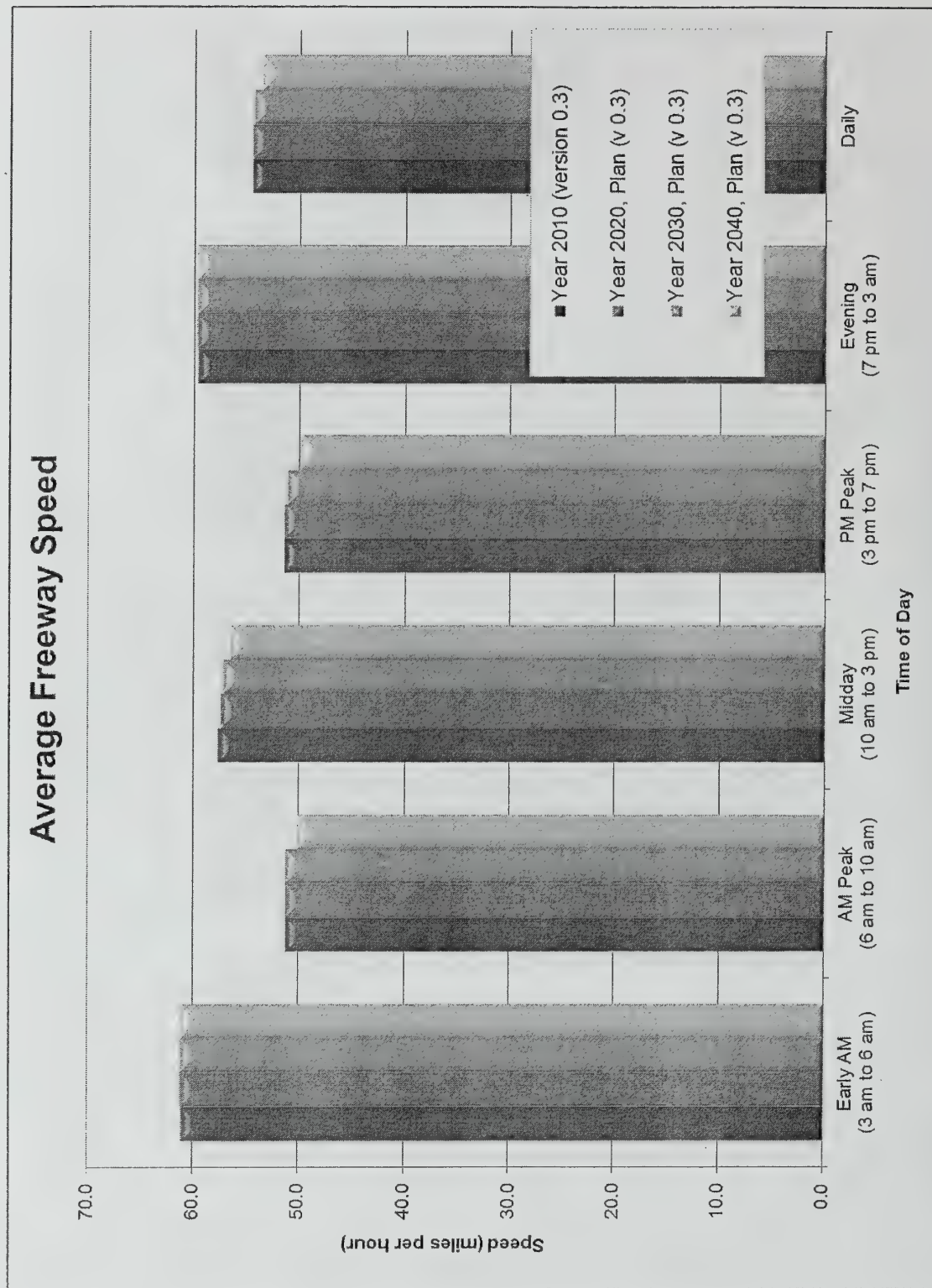


FIGURE 26: AVERAGE VEHICLE SPEEDS ON FREEWAYS FOR PROPOSED PLAN ALTERNATIVE

Air Quality Implications

Table 12 and Table 13 summarize various on-road mobile source emission estimates across alternatives for Year 2040 and for Years 2010, 2020, 2030, and 2040 for the Proposed Plan alternative. A few key notes on these tables are as follows:

- Carbon dioxide, which serves as a proxy for all greenhouse gas emissions, is reported for the nine county Bay Area (rather than the MTC air basin);
- All other pollutants are reported for the MTC air basin, which includes portions of Solano and Sonoma Counties;
- Carbon dioxide is reported two ways: the first ignores vehicle and fuel regulations (specifically the so-called Pavley¹⁵ regulations and low-carbon fuel standard) and the second considers the impact of vehicle and fuel regulations; and,
- Pollutants subject to vehicle control regulations decrease, in some cases dramatically, when moving from the current year through the forecast years.

¹⁵ Additional information is available here: <http://www.arb.ca.gov/cc/ccms/ccms.htm>.

TABLE 12: YEAR 2040 ON-ROAD MOBILE SOURCE EMISSION ESTIMATES FOR THE MTC AIR BASIN

Alternative	Tons per typical weekday for all vehicles (unless otherwise noted)							
	Carbon Dioxide (CO ₂) [†]	CO ₂ [†] Pounds per Capita	Carbon Dioxide (CO ₂) ^{††}	Small Particulate Matter (PM _{2.5})	Particulate Matter (PM ₁₀) [*]	Winter Nitrous Oxides (NO _x)	Reactive Organic Gases	Carbon Monoxide (CO)
Year 2005 (version 0.3)	71,660	20.5	71,660	8.84	14.95	277.7	137.9	1,321.0
Year 2040, No Project (v 0.3)	84,210	19.3	53,770	5.67	12.50	53.95	36.47	268.5
Year 2040, Proposed Plan (v 0.3)	82,550	18.1	52,700	5.64	12.42	53.71	36.52	266.4
Year 2040, Transit Priority (v 0.3)	82,270	18.4	52,520	5.61	12.37	53.31	36.47	265.9
Year 2040, Enhanced (v 0.3)	85,670	18.1	54,690	5.85	12.88	55.59	38.00	277.0
Year 2040, EEJ (v 0.3)	81,410	18.3	51,970	5.55	12.24	52.77	35.80	262.2
† - Passenger vehicle emissions for the nine-county Bay Area, excluding – per SB 375 – expected reductions from fuel and vehicle regulations and excluding reductions from MTC's Climate Initiatives Program;								
†† - Passenger vehicle missions for the nine-county Bay Area, including reductions expected from Pavley I and Low Carbon Fuel Standard Regulations and excluding reductions from Climate Initiatives Program;								
* - Does not include road dust.								

TABLE 13: ON-ROAD MOBILE SOURCE EMISSION ESTIMATES FOR THE MTC AIR BASIN FOR PROPOSED PLAN ALTERNATIVE

Alternative	Tons per typical weekday for all vehicles (unless otherwise noted)							
	Carbon Dioxide (CO ₂) [†]	CO ₂ [†] Pounds per Capita	Carbon Dioxide (CO ₂) ^{††}	Small Particulate Matter (PM _{2.5})	Particulate Matter (PM ₁₀) [*]	Winter Nitrous Oxides (NO _x)	Reactive Organic Gases	Carbon Monoxide (CO)
Year 2005 (version 0.3)	71,660	20.5	71,660	8.84	14.95	277.7	137.9	1,321.0
Year 2010 (version 0.3)	70,090	19.0	69,820	6.84	12.63	185.3	93.66	879.9
Year 2020, Proposed Plan (v 0.3)	74,420	19.3	54,350	5.04	11.08	83.22	46.80	374.4
Year 2030, Proposed Plan (v 0.3)	78,010	18.6	50,730	5.30	11.68	55.14	37.53	272.4
Year 2040, Proposed Plan (v 0.3)	82,550	18.1	52,700	5.64	12.42	53.71	36.52	266.4

† - Passenger vehicle emissions for the nine-county Bay Area, excluding – per SB 375 – expected reductions from fuel and vehicle regulations and excluding reductions from MTC's Climate Initiatives Program;
†† - Passenger vehicle missions for the nine-county Bay Area, including reductions expected from Pavley I and Low Carbon Fuel Standard Regulations and excluding reductions from Climate Initiatives Program;
* - Does not include road dust.

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Appendix D
List of Transportation Control Measures (TCM) Projects

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TCM B: Bicycle/Pedestrian Program
TDA ARTICLE 3 [Transportation Development Act Funds for Bicycle and Pedestrian Projects]

	SPONSOR	PROJECT NAME	AMOUNT
FY 2003-04	Alameda County	ADA Compliant Accessible Ramps	\$ 105,767
FY 2003-04	Alameda County	Tesla Road Bicycle Lanes	\$ 51,000
FY 2003-04	City of Albany	Manor Way Pedestrian Improvements	\$ 22,706
FY 2003-04	City of Berkeley	Bicycle Safety Education	\$ 30,000
FY 2003-04	City of Berkeley	Prepare plan for implementing future	\$ 31,033
FY 2003-04	City of Fremont	Bike Detectors, Bike Logo on Pavement,	\$ 128,989
FY 2003-04	City of Hayward	Installation of Wheelchair Ramps	\$ 84,198
FY 2003-04	City of Livermore	Complete Portion of S. Livermore Valley	\$ 97,301
FY 2003-04	City of Newark	Silliman Activity Center Pedestrian/	\$ 59,158
FY 2003-04	City of Oakland	Bancroft Ave. Bike Lanes (96th - Durant)	\$ 96,000
FY 2003-04	City of Oakland	Citywide Ped. Curb Ramp Program -	\$ 295,266
FY 2003-04	City of Oakland	Lake Merritt 12th St. Dam Ped/Bike	\$ 116,000
FY 2003-04	City of Oakland	Pedestrian Bulb Outs-Highland &	\$ 100,000
FY 2003-04	City of Oakland	Walk/Bike Calif. Conf. - Alameda Co.	\$ 30,000
FY 2003-04	City of Oakland	West City of Oakland Bay Trail	\$ 289,000
FY 2003-04	City of Piedmont	Sidewalk Extension and Curb Cuts	\$ 6,506
FY 2003-04	City of Pleasanton	ADA Compliant Wheelchair Accessible	\$ 38,627
FY 2003-04	City of San Leandro	Install New Curb Cuts & Upgrade	\$ 40,000
FY 2003-04	City of Brentwood	Installation of Wheelchair Ramps	\$ 30,000
FY 2003-04	City of Concord	Iron Horse Trail Rte 242 Undercrossing	\$ 36,000
FY 2003-04	City of Concord	Wren Avenue Ped. Improvements	\$ 45,000
FY 2003-04	Contra Costa County	Bicycle/Pedestrian Safety Education	\$ 21,500
FY 2003-04	Contra Costa County	Olympic Blvd. Ped. Path Phase II	\$ 115,000
FY 2003-04	City of Lafayette	Hough Avenue Sidewalk	\$ 37,000
FY 2003-04	City of Moraga	Rheem Blvd./Moraga Rd. Intersection	\$ 66,100
FY 2003-04	City of Pittsburg	Polaris Drive Bike Facility	\$ 77,500
FY 2003-04	City of San Ramon	Dougherty Road Sidewalk	\$ 25,000
FY 2003-04	Marin County	Bicycle/Pedestrian Bridge	\$ 140,000
FY 2003-04	Mill Valley	Signage Project	\$ 7,200
FY 2003-04	City of Novato	Commuter Bikeway Connection	\$ 402,286
FY 2003-04	City of Novato	Hill Road Path Connection	\$ 60,000
FY 2003-04	City of San Anselmo	Purchase & Install Bicycle Racks	\$ 15,000
FY 2003-04	Napa County	Yountville Cross Rd. Bike Lane	\$ 150,000
FY 2003-04	Yountville	Yountville Cross Rd. Bike Lane	\$ 47,000
FY 2003-04	City of Campbell	Westmont Ave. Improvement Project	\$ 43,192
FY 2003-04	City of Los Altos	Fremont Ave. Sidewalk Phase III	\$ 15,781
FY 2003-04	Los Altos Hills	Paseo Del Roble Pedestrian Bridge	\$ 9,554
FY 2003-04	City of Milpitas	Calaveras Blvd. Sidewalk & Bike Path	\$ 36,895
FY 2003-04	Mountain View	Access Ramp Installation	\$ 24,905
FY 2003-04	Mountain View	Audible Ped. Signal Installations	\$ 16,500
FY 2003-04	Mountain View	Bicycle Path Construction	\$ 13,113
FY 2003-04	Palo Alto	Baffle Replacements: Calif. Ave.	\$ 15,993
FY 2003-04	Palo Alto	Homer Ave. Ped. Bicycle Undercrossing	\$ 293,000
FY 2003-04	Palo Alto	Ped. Walkway Lighted Warning System	\$ 20,000
FY 2003-04	City of San Jose	ADA Wheel Chair Curb & Ramp Install.	\$ 100,000
FY 2003-04	City of San Jose	Certified TDA Fiscal Audit	\$ 9,000
FY 2003-04	City of San Jose	Murdock Park Bridge over San Tomas	\$ 100,000
FY 2003-04	City of San Jose	Ped & Bike Facility Signing & Striping	\$ 100,000
FY 2003-04	City of San Jose	Ped & Bike Safety Education	\$ 50,000
FY 2003-04	City of San Jose	Pedro Street Sidewalk Improvement	\$ 124,434
FY 2003-04	City of San Jose	Street Sidewalk Improvement	\$ 147,435
FY 2003-04	City of Santa Clara	Certified TDA Fiscal Audit	\$ 5,000
FY 2003-04	City of Santa Clara	Install Bike & Ped. Improvements	\$ 61,815
FY 2003-04	City of Santa Clara	Update City's Existing Bike Plan &	\$ 3,900
FY 2003-04	Santa Clara County	Bike Detector @ various Intersections	\$ 58,118

TCM B: Bicycle/Pedestrian Program
TDA ARTICLE 3 [Transportation Development Act Funds for Bicycle and Pedestrian Projects]

	SPONSOR	PROJECT NAME	AMOUNT
FY 2003-04	Santa Clara County	Path along McKee Rd. bet Staples Ave.	\$ 50,000
FY 2003-04	City of Saratoga	Saratoga Avenue Walkway Project	\$ 17,254
FY 2003-04	City of Sunnyvale	Calabazas Creek Trail	\$ 50,152
FY 2003-04	San Francisco City and County	Bicycle Projects	\$ 404,000
FY 2003-04	San Francisco City and County	Pedestrian Projects	\$ 300,000
FY 2003-04	City of Half Moon Bay	Construct Rt. 92 Bicycle Lanes and	\$ 485,146
FY 2003-04	City of Pacifica	Milagra Drive Overcrossing at State	\$ 240,000
FY 2003-04	City of San Bruno	Crystal Springs Rd. Traffic Signal	\$ 20,000
FY 2003-04	City of San Mateo	Bikeway Detection Units	\$ 30,000
FY 2003-04	City of San Mateo	Regional Bayfront Trail Upgrade	\$ 150,000
FY 2003-04	South San Francisco	Construct San Francisco Bay Trail	\$ 100,000
FY 2003-04	South San Francisco	Orange Avenue Intersection Improve.	\$ 100,000
FY 2003-04	City of Benicia	Park Road Bike/Ped Improvements	\$ 160,000
FY 2003-04	Solano County	Dixon to Davis Bike Route	\$ 125,000
FY 2003-04	City of Suisun City	Central County Bikeway	\$ 25,000
FY 2003-04	City of Healdsburg	Foss Creek Northwestern Pacific Multi-	\$ 99,695
FY 2003-04	City of Petaluma	Washington Creek Multi-Use Path	\$ 175,000
FY 2003-04	City of Santa Rosa	Sonoma Ave. Bike Lanes Phase II	\$ 50,000
FY 2003-04	Sonoma County	Old Redwood Highway Class II Bike Lanes	\$ 350,000
FY 2004-05	Alameda County	Conduct a planning study & develop	\$ 38,000
FY 2004-05	Alameda County	Conduct bicycle plan study	\$ 59,650
FY 2004-05	Alameda County	Sign & stripe 0.6 miles of 6-foot wide	\$ 100,000
FY 2004-05	City of Berkeley	Contract with a qualified consultant	\$ 34,281
FY 2004-05	City of Berkeley	Educate children about bicycle safety	\$ 30,000
FY 2004-05	City of Fremont	Stripe bike lanes, modify bike lane	\$ 121,168
FY 2004-05	City of Hayward	Design & construct ADA wheel chair	\$ 88,925
FY 2004-05	City of Newark	Design & construct ADA wheel chair	\$ 27,009
FY 2004-05	City of Piedmont	Design & construct ADA wheel chair	\$ 6,852
FY 2004-05	City of Pleasanton	Preserve Golf Course	\$ 75,000
FY 2004-05	City of San Leandro	Install curb ramps, accessible ped.	\$ 41,438
FY 2004-05	City of San Leandro	Install curb ramps, accessible ped.	\$ 50,024
FY 2004-05	City of San Leandro	Install curb ramps, accessible ped.	\$ 8,000
FY 2004-05	City of Antioch	Improve curbs, ramps, crosswalk, signs	\$ 80,000
FY 2004-05	City of Brentwood	Install lighted crosswalk and flashing lights	\$ 31,500
FY 2004-05	City of Concord	Construct 500 ft of 4-to 6-foot wide bike/ped path	\$ 45,000
FY 2004-05	City of El Cerrito	Conduct a planning study for bicycle/ped needs	\$ 26,500
FY 2004-05	City of Lafayette	Construct 125 feet of 5-foot wide	\$ 10,000
FY 2004-05	City of Martinez	Replace the two existing unsafe bridges	\$ 90,000
FY 2004-05	City of Orinda	Develop a Lamorinda Trail Map & install	\$ 28,500
FY 2004-05	City of Pittsburg	Construct Class II and Class III	\$ 51,000
FY 2004-05	City of Pittsburg	Sign & stripe 3600 feet of 13-foot wide	\$ 52,000
FY 2004-05	City of San Pablo	Install bike/ped friendly lighting	\$ 45,100
FY 2004-05	City of Walnut Creek	Construct 2040 feet of asphalt walkway	\$ 95,000
FY 2004-05	Contra Costa County	Construct 344 feet of 4.5-foot wide bike/ped path	\$ 201,000
FY 2004-05	Contra Costa County	Construct 402 feet of 5-foot wide bike/ped path	\$ 158,928
FY 2004-05	Contra Costa County	Provide bicycle & pedestrian safety	\$ 20,000
FY 2004-05	City of San Rafael	Construct 6' wide sidewalk & stripe	\$ 207,710
FY 2004-05	City of Sausalito	Construct 6' wide sidewalk & stripe	\$ 186,290
FY 2004-05	City of Calistoga	Construct 1.0 miles of Class I bike-ped path	\$ 270,881
FY 2004-05	City of Napa	Construct 2.0 miles of Class I bikeway	\$ 149,727
FY 2004-05	City of Campbell	Construct Class II bike lockers at J.D.	\$ 24,308
FY 2004-05	City of Campbell	Widen & regrade bicycle/Pedestrian	\$ 515,600
FY 2004-05	City of Cupertino	Construct 1030' bike path	\$ 107,622
FY 2004-05	City of Gilroy	Complete 881' of Uvas Creek Class I	\$ 50,000
FY 2004-05	City of Gilroy	Refurbish & replace bikeway signs, etc	\$ 10,611

TCM B: Bicycle/Pedestrian Program
TDA ARTICLE 3 [Transportation Development Act Funds for Bicycle and Pedestrian Projects]

	SPONSOR	PROJECT NAME	AMOUNT
FY 2004-05	City of Gilroy	Rehabilitate, resurface & stripe 2.5 mile path	\$ 60,666
FY 2004-05	City of Los Altos	Construct approx. 300' of concrete bike path	\$ 27,354
FY 2004-05	City of Los Altos	Replace approx. 2,800 lineal feet of bike path	\$ 17,580
FY 2004-05	City of Los Gatos	Design & construct solution to restore path	\$ 35,000
FY 2004-05	City of Morgan Hill	Install bicycle sensitive detector	\$ 36,000
FY 2004-05	City of Mountain View	Install countdown pedestrian signals	\$ 30,000
FY 2004-05	City of Mountain View	Install curb access ramps at Showers	\$ 2,381
FY 2004-05	City of Mountain View	Install curb access ramps at various	\$ 15,696
FY 2004-05	City of Mountain View	Purchase & install 14 bicycle lockers	\$ 14,506
FY 2004-05	City of Palo Alto	Construct raised pavement pedestrian path	\$ 50,000
FY 2004-05	City of San Jose	Construct 0.66 miles of Class I paved path	\$ 712,131
FY 2004-05	City of San Jose	Design & construct ADA wheel chair improvement	\$ 176,068
FY 2004-05	City of San Jose	Design & construct sidewalk for school	\$ 36,000
FY 2004-05	City of San Jose	Design & install 12' wide asphalt path	\$ 136,821
FY 2004-05	City of San Jose	Install median island ped. Refuge	\$ 185,000
FY 2004-05	City of San Jose	Install sidewalk, ADA curb ramps	\$ 90,000
FY 2004-05	City of San Jose	Provide bicycle & pedestrian safety	\$ 50,000
FY 2004-05	City of San Jose	Stripe crosswalks, paint pavements	\$ 100,000
FY 2004-05	City of Santa Clara	Perform an annual transportation	\$ 5,000
FY 2004-05	City of Santa Clara	Stripe crosswalks & paint pavements	\$ 62,148
FY 2004-05	City of Saratoga	Install continuous curb & gutter	\$ 19,357
FY 2004-05	City of Sunnyvale	Provide gates, signs, fencing and ramps	\$ 27,550
FY 2004-05	Santa Clara County	Construct a 3,300' by 5' walkway	\$ 63,403
FY 2004-05	Santa Clara County	Sign & restripe 8" stripe on shoulders	\$ 121,105
FY 2004-05	SF City/County	Bicycle safety brochures, maps, public education	\$ 31,500
FY 2004-05	SF City/County	Prelim. engineering (plan & design) of bike path	\$ 200,000
FY 2004-05	SF City/County	Purchase & install bicycle racks	\$ 95,000
FY 2004-05	SF City/County	Repair public sidewalks at various locations	\$ 115,000
FY 2004-05	SF City/County	Stripe & sign Class II bike lanes	\$ 188,500
FY 2004-05	City of Benicia	Final design plans, specs & estimate	\$ 124,573
FY 2004-05	City of Suisun City	Constr. 10' wide concrete bike path	\$ 86,000
FY 2004-05	City of Vacaville, Transit	Construct 3400 feet of Class I bike/Ped path	\$ 148,738
FY 2004-05	Solano Transportation Authority (STA)	Build bridge adjacent to existing path	\$ 76,000
FY 2004-05	City of Petaluma	Construction of pedestrian & bicycle path	\$ 54,876
FY 2004-05	City of Rohnert Park	Install 80' long bicycle & pedestrian path	\$ 160,000
FY 2004-05	City of Santa Rosa	Install directional signage & ADA signs	\$ 18,900
FY 2004-05	County of Sonoma	Construct 1.5 miles of Class I Bikeway	\$ 160,000
FY 2004-05	County of Sonoma	Conduct bicycle safety education workshop	\$ 10,000
FY 2004-05	County of Sonoma	Install 27 "Share Road" bicycle sign	\$ 15,000
FY 2004-05	County of Sonoma	Purchase 37 front loading bicycle	\$ 5,000
	San Carlos	Class II bike lanes on Alameda de Las Pulgas and on Brittan Avenue; Class III bike lanes on Old County Road	\$ 20,000
FY 2005-06			
	San Mateo	Design of a pedestrian and bicycle bridge in the vicinity of the Hillsdale interchange of highway U.S. 101	\$ 100,000
FY 2005-06			
	South San Francisco	Bicycle and pedestrian crosswalk and signals at intersection of Spruce Ave. and South San Francisco Linear Park	\$ 150,000
FY 2005-06			
	Half Moon Bay	Construct 6600 foot Class I trail in the right of way of Highway 1 between Highway 92 and Higgins Purisima Rd.	\$ 220,000
FY 2005-06			
	Brisbane	Install 45 feet by 8 feet asphalt cement path adjacent to Shoreline Court; sign and restripe existing Class II bikeway	\$ 25,739
FY 2005-06			

TCM B: Bicycle/Pedestrian Program
TDA ARTICLE 3 [Transportation Development Act Funds for Bicycle and Pedestrian Projects]

	SPONSOR	PROJECT NAME	AMOUNT
FY 2005-06	South San Francisco	Construct 363 feet by 12 feet asphalt bicycle and pedestrian trail near the Oyster Point Marina	\$ 36,000
FY 2005-06	San Bruno	Construct a Class II bike lane in both directions of Sneath Lane from El Camino Real to Skyline Boulevard	\$ 60,000
FY 2005-06	Daly City	Install bike lanes on Callan Blvd from King Dr to Serramonte Blvd and along Serramonte Boulevard	\$ 82,000
FY 2005-06	Burlingame	Install bike lane directional signs at 52 locations along north-south bicycle routes throughout the city	\$ 17,400
FY 2005-06	Burlingame	Install an in-pavement lighted crosswalk system across Carolan Avenue at Morrell Avenue, including new push buttons	\$ 30,000
FY 2005-06	Menlo Park	Install video detection for bikes at 3 intersections: Willow at Middlefield, Marsh at Bohannon, Marsh at Bay	\$ 44,000
FY 2005-06	San Mateo	Install bridge railing fencing on the north side of the Nineteenth Avenue Bridge over highway U.S. 101	\$ 50,000
FY 2005-06	Menlo Park	Create bicycle lanes on Bay Road between Berkeley Avenue and Willow Road, plus signage	\$ 13,600
FY 2005-06	San Mateo	Install bike detection loops at: 3rd + Claremont, 3rd + Delaware, 4th + Claremont, 4th + Delaware	\$ 40,000
FY 2005-06	Daly City	Install in-pavement lights and warning signs: Park Plaza Dr. north of Belmar, and Mission St. at Evergreen Ave.	\$ 120,000
FY 2005-06	San Mateo	Install pedestrian countdown signal heads at 27 existing signalized intersections throughout the city	\$ 50,000
FY 2005-06	Daly City	Install pedestrian countdown signal heads at 15 signalized intersections; and audible warnings at 11 of them	\$ 20,000
FY 2005-06	Burlingame	Install pedestrian countdown signal heads with audible pedestrian warnings at 8 signalized intersections	\$ 30,900
FY 2005-06	Menlo Park	Create bicycle lanes on Middlefield Road between Willow Road and San Francisquito Creek	\$ 2,400
FY 2005-06	San Mateo	Install in-pavement lighted crosswalks: 5th Ave. at Central Park; Bovet Rd. betw. Borel Ave. and El Camino Real	\$ 110,000
FY 2005-06	South San Francisco	Install pedestrian countdown signal heads at 12 existing signalized intersections throughout the city	\$ 22,000
FY 2005-06	County of San Mateo	Bike detection loops, countdown signal heads with audible warnings, upgrade pedestrian signal actuators	\$ 80,509
FY 2005-06	Sebastopol	Construct .5 mile Class I trail between Joe Rodota trail and Sebastopol Avenue and Morris Street intersection	\$ 51,356
FY 2005-06	Santa Rosa	Construct connector ramp between Joe Rodota trail and Pierson Reach of Prince Memorial Greenway trail	\$ 350,000
FY 2005-06	Windsor	Construct a 950 foot Class I trail within Keiser Park, including bridge crossing a tributary of Starr Creek	\$ 112,000

TCM B: Bicycle/Pedestrian Program
TDA ARTICLE 3 [Transportation Development Act Funds for Bicycle and Pedestrian Projects]

	SPONSOR	PROJECT NAME	AMOUNT
FY 2005-06	Contra Costa County, Health Services	Provide bicycle and pedestrian safety education to low-income county residents, particularly children	\$ 20,000
FY 2005-06	Concord	Constr't 500 foot Class I trail adjacent to Galindo Crk. + Ygnacio Valley Rd betw. Alberta Way + Pebble Glen Dr	\$ 60,000
FY 2005-06	Lafayette	1030 feet x 5 feet sidewalk Sweet Dr. betw Walnut + Woodview; Woodview Dr. betw. St Mary's + Sweet Drive	\$ 110,000
FY 2005-06	Antioch	Construct curb ramps and sidewalks at Hillcrest Avenue, Somersville Road, "G" Street, and Dallas Ranch Road	\$ 110,000
FY 2005-06	Brentwood	Install pedestrian countdown signal heads + large diameter pedestrian push buttons at 12 signalized intersections	\$ 66,000
FY 2005-06	Contra Costa County, Public Works	Construct 240 feet x 5 feet sidewalk and curb ramps on Camino Tassajara and on Hansen Lane	\$ 20,000
FY 2005-06	Orinda	Replace 12 existing non-compliant curb ramps in downtown Orinda with ADA compliant ramps	\$ 45,000
FY 2005-06	San Pablo	Install in-pavement lighted crosswalks: Market Avenue at 21st St.; 23rd St. at Wilcox Ave.; 23rd St. at Stanford Ave.	\$ 180,000
FY 2005-06	Brentwood	Restripe Minnesota Ave. bike lane; install lighted crosswalk; construct 1300 feet of sidewalk, curb and gutter	\$ 31,000
FY 2005-06	San Francisco	Public sidewalk repair and reconstruction	\$ 180,000
FY 2005-06	San Francisco	Preliminary engineering of curb ramps	\$ 270,000
FY 2005-06	San Francisco	Safety brochures, maps, public outreach concerning bicycle pavement arrows, hotline, and bicycle safety advertising	\$ 45,000
FY 2005-06	San Francisco	Purchase and install bicycle racks at various locations in San Francisco as requested by the public	\$ 100,000
FY 2005-06	San Francisco	Stripe and sign bike lanes: Conservatory Drive East, San Jose Avenue ramps, Townsend Street, and elsewhere	\$ 305,000
FY 2005-06	Berkeley	Bicycle & Pedestrian Injury Prevention Program	\$ 30,000
FY 2005-06	Berkeley	Ninth Street Bicycle Boulevard extension (Project from FY01/02)	\$ 135,000
FY 2005-06	Oakland	ADA Compliant Wheelchair Accessible Ramps (Project Completed FY01/02)	\$ 294,548
FY 2005-06	Oakland	Laurel Pedestrian Project, Phase I (Project Completed FY01/02)	\$ 200,000
FY 2005-06	Oakland	MacArthur Blvd. Bicycle Lane Design (Project Completed FY01/02)	\$ 55,000
FY 2005-06	Oakland	Grand Avenue Transit and Pedestrian Improvements (Project from FY 04/05)	\$ 245,847
FY 2005-06	Oakland	ADA Compliant Wheelchair Accessible Ramps Program	\$ 121,144
FY 2005-06	Oakland	Market Street Bikeway	\$ 165,000
FY 2005-06	Oakland	Bancroft Bikeway Gap Closures	\$ 25,000
FY 2005-06	Piedmont	ADA Wheelchair Accessible Ramps and Pedestrian enhancements at Rose/Arroyo & Grand Ave	\$ 8,353
FY 2005-06	Hayward	ADA Wheelchair Accessible Ramps	\$ 109,309

TCM B: Bicycle/Pedestrian Program
TDA ARTICLE 3 [Transportation Development Act Funds for Bicycle and Pedestrian Projects]

	SPONSOR	PROJECT NAME	AMOUNT
FY 2005-06	San Leandro	Pedestrian Accessibility Improvements & Sidewalk Gap Closures	\$ 74,177
FY 2005-06	Fremont	Citywide ADA Compliant Wheelchair Accessible Ramps	\$ 158,067
FY 2005-06	Newark	History Center Complex Sidewalks and ADA Wheelchair Accessible Ramps	\$ 33,072
FY 2005-06	Union City	San Francisco Bay Trail Specific Plan (Project Completed FY01/02)	\$ 63,585
FY 2005-06	Dublin	Bicycle Master Plan	\$ 45,144
FY 2005-06	Livermore	Chestnut and N. P Street Bicycle Lanes	\$ 113,044
FY 2005-06	Alameda Co. Congestion Management Agency	Alameda Countywide Bicycle Master Plan	\$ 20,000
FY 2005-06	County of Alameda	Pedestrian Safety Improvements in the vicinity of Schools	\$ 75,775
FY 2005-06	County of Alameda	Pedestrian Safety Improvement Projects - Sidewalk Improvements	\$ 75,600
FY 2005-06	County of Alameda	Restriping Bicycle Lanes Along Various Roadways	\$ 30,000
FY 2005-06	Benicia	Stripe and sign bike lanes: Military East between East 5th Street and Park Road	\$ 25,000
FY 2005-06	Fairfield	Design McGary Road segment of Solano Bikeway Extension and complete extension feasibility study	\$ 100,000
FY 2005-06	Suisun City	Construct curb ramps and sidewalks at Whispering Bay Lane and Francisco Dr.	\$ 5,400
FY 2005-06	Suisun City	Replace existing non-compliant curb ramps in downtown Suisun City with ADA compliant ramps	\$ 11,856
FY 2005-06	Solano County	Reconstruct deck and railings, seismic retrofit, lighting and pathways to railroad trestle bridge over Putah Creek	\$ 180,000
FY 2005-06	Campbell	Implement bike lanes on Harriet Ave and Union Ave, Replace Los Gatos creek bridge, and widen Campbell Ave bridge	\$ 27,859
FY 2005-06	Campbell	Design and construct sidewalk and bike lanes and edge striping, curb and gutter along Westmont Avenue	\$ 39,992
FY 2005-06	Campbell	Widen Campbell Ave. bridge over Los Gatos Creek for bike lane and sidewalk; and reconstruct sidewalk under SR 17	\$ 240,000
FY 2005-06	Cupertino	Construct pedestrian and bicycle bridge across Interstate 280 along Mary Avenue between Homestead Rd and Meteor Dr	\$ 38,361
FY 2005-06	Los Altos Hills	Replace pedestrian bridge adjacent to the Foothill College entrance road connecting to El Monte Road	\$ 11,310
FY 2005-06	Los Gatos	Replace existing College Avenue sidewalk and fencing; and repair Los Gatos Creek Trail footbridge decking	\$ 20,000
FY 2005-06	Milpitas	Install ADA pedestrian ramps with truncated dome landings along suggested routes to schools	\$ 47,112
FY 2005-06	Morgan Hill	Identify where additional bicycle and pedestrian trails can be established adjacent to creeks and streams	\$ 32,000
FY 2005-06	Mountain View	Bicycle boulevard from Mayfield Mall area to Stevens Creek Trail, including signs, markings and signal modifications	\$ 25,000

TCM B: Bicycle/Pedestrian Program
TDA ARTICLE 3 [Transportation Development Act Funds for Bicycle and Pedestrian Projects]

	SPONSOR	PROJECT NAME	AMOUNT
FY 2005-06	Mountain View	ADA Compliant Wheelchair Accessible Ramps Program	\$ 17,000
FY 2005-06	Mountain View	Produce bicycle and pedestrian education and awareness materials, and a new bike map and multilingual flyers	\$ 5,000
FY 2005-06	Mountain View	Install "bikes wrong way" signs on existing poles along California Street and adjacent streets	\$ 5,217
FY 2005-06	Palo Alto	Bicycle boulevard along Maybell Ave and Donald Dr.: signs, markings, speed tables, & median refuge islands	\$ 75,000
FY 2005-06	San Jose	Install sidewalk, curb and gutter to improve access to Lynhaven Elementary School	\$ 90,000
FY 2005-06	San Jose	Install sidewalk, curb and gutter to fill gap on Borina Ave. at Saratoga Ave.	\$ 70,000
FY 2005-06	San Jose	Install sidewalk, curb and gutter to improve access on both sides of Yerba Buena Road at Thompson Creek	\$ 47,000
FY 2005-06	San Jose	Install sidewalk, curb, gutter and ADA ramps on Carola Avenue at Clarita Avenue	\$ 110,000
FY 2005-06	San Jose	Install sidewalk, curb, gutter, pedestrian crossing and median island to provide access to Penitencia Creek County Park	\$ 62,000
FY 2005-06	San Jose	Install sidewalk, curb and gutter on Senter Road at Burke Street	\$ 58,000
FY 2005-06	San Jose	Install sidewalk, curb and gutter to improve access to Toyon Elementary School	\$ 45,000
FY 2005-06	San Jose	Citywide ADA Compliant Wheelchair Accessible Ramps	\$ 100,000
FY 2005-06	San Jose	Sign and stripe bicycle and pedestrian facilities, including bike lanes, bike routes, crosswalks, and bike paths	\$ 58,397
FY 2005-06	San Jose	Provide bicycle and pedestrian safety education to elementary school children and adults, purchase educational material	\$ 35,000
FY 2005-06	Santa Clara	Install and maintain bicycle and pedestrian facilities, including bike lanes, bike routes, crosswalks, and bike paths	\$ 78,180
FY 2005-06	Saratoga	Acquire right-of-way to upgrade UPRR railroad crossing in a bulb configuration to allow bicycles to cross at 90 degrees	\$ 95,000
FY 2005-06	Sunnyvale	Improve Calabazas Creek Trail with additional gates, signs, fences, ramp modifications, and a bridge across creek	\$ 182,048
FY 2005-06	County of Santa Clara	Restripe four co. expressways' shoulders with 8 inch stripes and sign to allow functioning as bicycle shoulder	\$ 50,000
FY 2005-06	Brentwood	Crosswalk and sidewalk improvements on Minnesota Avenue between Deer Creek and Sand Creek	\$ 31,000
FY 2005-06	Union City	Construct 1750 feet by 15 feet textured decorative concrete sidewalks plus 5 foot bike lanes on both sides of 11th Street	\$ 53,142
FY 2005-06	TAM	Update and complete bicycle and pedestrian master plans countywide and for cities and towns in Marin County	\$ 160,000

TCM B: Bicycle/Pedestrian Program
TDA ARTICLE 3 [Transportation Development Act Funds for Bicycle and Pedestrian Projects]

	SPONSOR	PROJECT NAME	AMOUNT
FY 2005-06	Campbell	Construct bike lanes on Harriet Avenue north of Westmont Avenue and on Union Avenue south of Campbell Avenue	\$ 24,308
FY 2005-06	Larkspur	Design + construct 13 ft wide Class I bike/pedestrian path and modify signals on Magnolia Ave. + Doherty Dr	\$ 136,668
FY 2005-06	County of San Mateo	Develop bike route data for GIS, integrate into countywide GIS files, and maintain bike route GIS data	\$ 40,000
FY 2005-06	City of Napa	Class I path along Napa Valley Wine Train right of way between Redwood Rd/SR 29 and Vallejo St/Soscol Av	\$ 85,271
FY 2005-06	American Canyon	Construct bike lanes and Class I trail adjacent to Commerce Boulevard	\$ 34,729
		Total	\$ 21,785,915

TCM C: Transportation for Livable Communities

FY 2004-05 MTC TLC Planning Program

Project Sponsor	Project Title	TLC Grant
Alameda County		
City of Oakland	Revitalizing Foothill / Seminary: A Model for Oakland's Regional Transit Streets	\$ 75,000
City of Berkeley	Downtown Berkeley BART Plaza and Transit Area	\$ 75,000
Contra Costa County		
City of Lafayette	BART-Downtown Lafayette Pedestrian Linkages Project	\$ 20,000
San Francisco County		
San Jose/Guerrero Coalition to Save Our Streets	The San Jose/Guerrero Neighborhood Plan	\$ 75,000
San Mateo County		
Redwood City	Transit Station Sub-area Precise Plan	\$ 71,760
SamTrans	Transforming the El Camino Real to Link Caltrain Stations with Vibrant Downtowns in Redwood City, San Carlos and Belmont	\$ 63,840
Santa Clara County		
City of Sunnyvale	Murphy Avenue Streetscape Revitalization	\$ 75,000
Sonoma County		
City of Santa Rosa	Downtown Pedestrian Linkages Study	\$ 44,400
Total		\$ 500,000

FY 2004-05 MTC TLC Capital Program

Project Sponsor	Project Title	TLC Grant
City of Oakland, CEDA	Revive Chinatown – Phase 1	\$ 2,200,000
City of Union City	Union City Intermodal Station –Pedestrian connections and New East Plaza	\$ 1,124,000
Public Works Dept.		
Richmond Redevelopment Agency	Richmond Transit Village: Intermodal Transit Station	\$ 1,581,000
County of Marin	Cal-Park Hill Tunnel Rehab and Class I Bikeway	\$ 1,500,000
City of Gilroy	Monterey Streetscape Improvements – Fourth Street to Sixth Street	\$ 2,500,000
City of Morgan Hill	Morgan Hill – Depot Street Capital Improvements	\$ 2,627,000
Bay Area Rapid Transit District	Daly City BART- St. Charles Pedestrian & Bike Project	\$ 501,000
City & Co. of San Francisco	Broadway Streetscape Improvements Project – Phase II	\$ 2,000,000
Dept. of Public Works		
City of South San Francisco	BART Linear Park-Huntington Avenue to Orange Avenue	\$ 1,933,000
City of Vallejo	Vallejo Station Pedestrian Links	\$ 2,071,000
City of Petaluma/Eden Housing Inc.	Downtown River Apts Riverwalk and Streetscape Improvements	\$ 358,000
Total		\$ 18,394,000

Contingency Projects

City of Union City	Union City Intermodal Station – West Plaza Enhancements	\$ 1,713,500
Public Works Dept.		
City of Oakland, CEDA	MacArthur Transit Hub Streetscape Improvement Project	\$ 1,918,000
Town of Los Gatos	Streetscape & Gateway	\$ 2,400,000
Parks & Public Works Dept.		
City of San Leandro	East 14 th Street South Area Revitalization Project – La Palma District	\$ 1,600,000
Community Dev. Dept.		
County of Contra Costa Redevelopment Agency	North Richmond Third Street Upgrades	\$ 1,966,000

TCM C: Transportation for Livable Communities

FY 2005-06 Marin County TLC Capital Program

Project Sponsor	Project Title	TLC Grant
Town of Fairfax	Center Boulevard Streetscape Redesign Project	\$ 500,000
County of Marin	Fireside Pedestrian and Traffic Safety Project	\$ 198,906
Town of Corte Madera	Bayside Trail Improvement Project	\$ 371,826
Total		\$ 1,070,732

FY 2005-06 Alameda County TLC Capital Program

Project Sponsor	Project Title	TLC Grant
City of Oakland	Coliseum BART Streetscape	\$ 500,000
City of Oakland	Oakland Coliseum Pedestrian Walkway	\$ 885,000
City of Oakland	W. Oakland Transit Village Streetscape Project	\$ 1,300,000
City of Oakland	MacArthur Entry Plaza & 40th Streetscape Project	\$ 1,147,000
City of Berkeley	Ashby/Ed Roberts Bicycle/Pedestrian Improvements	\$ 1,200,000
City of Union City	Pedestrian/Bicycle Improvements	\$ 2,000,000
Total		\$ 7,032,000

FY 2005-06 Sonoma County TLC Capital Program

Project Sponsor	Project Title	TLC Grant
City of Petaluma	Petaluma Blvd. Pedestrian Enhancements	\$ 485,000
City of Rohnert Park	Rohnert Park City Center Drive Improvements	\$ 1,150,000
Town of Windsor	Windsor Pedestrian Enhancements & Traffic Calming	\$ 235,000
Sonoma County Reg'l Parks	Sonoma County Santa Rosa Creek Trail	\$ 550,000
Town of Windsor	Windsor Old Redwood Hwy Pedestrian Linkages	\$ 338,000
Sonoma County Reg'l Parks	Sonoma County Bodega Bay Bicycle & Pedestrian Trail	\$ 535,000
City of Santa Rosa	Santa Rosa Courthouse Square Off-Site Improvements & Gateway Street	\$ 1,000,000
Total		\$ 4,293,000

Grand Total	\$ 31,289,732
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TCM D: Additional Freeway Service Patrol

The Bay Area FSP is a joint project of the Metropolitan Transportation Commission Service Authority for Freeways and Expressways (MTC SAFE), the California Highway Patrol (CHP) and the California Department of Transportation (Caltrans). The service is provided by private tow truck companies, selected through a competitive bid process, under contract to MTC SAFE. During the hours of operation, the vehicles and drivers are exclusively dedicated to patrolling their freeway beat. The program is intended to augment the MTC SAFE network of motorist-aid call boxes in the nine Bay Area counties.

Current Profile (as of February 2009)

A fleet of 83 trucks patrols some 550 miles of the Bay Area's freeways. Patrol routes are selected based on several factors, including a high rate of traffic and congestion, frequent accidents or stalls, and lack of shoulder space for disabled vehicles.

The FSP tow trucks operate primarily during morning and afternoon commute hours, generally from 6 a.m. to 9 a.m. or 10 a.m. and from 3 p.m. to 6 p.m. or 7 p.m., Monday through Friday. Weekend service is provided in Napa, as well as seasonally along Highway 17, and in some other locations on Sunday.

FSP tow trucks are equipped for nearly any contingency. In addition to the standard auto repair and towing equipment, they carry 5 gallons of diesel fuel, 5 gallons of unleaded gasoline, and 5 gallons of water, as well as an external speaker and public address system.

Funding

The tow trucks are financed with federal, state and local moneys. Local funds come from the MTC SAFE, which is financed by a \$1 annual vehicle registration fee in participating counties. The service costs approximately \$7 million a year to operate. Another \$2 million is invested in sophisticated communications equipment, including an automatic vehicle location system that enables CHP and Caltrans to monitor the location of the trucks and improve dispatching efficiency.

Implementation Plan

See the attached Implementation Plan, which is also available at:
http://www.fsp-bayarea.org/implementation_plan/lplan.pdf

BAY AREA FREEWAY SERVICE PATROL PROGRAM
IMPLEMENTATION PLAN

Revised 06/01/07

BEAT ID	CONTRACTOR	COUNTY	LOCATION ROUTE	BEAT LIMITS	CALTRANS ONE WAY LENGTH (IN MILES)	START DATE	ENDING DATE	WEEKDAYS AM SHIFT	WEEKDAYS PM SHIFT	SUNDAY PM SHIFT	# OF TOW TRUCKS	# OF PICKUP TRUCKS	# OF FLATBED TRUCKS	# OF BACKUP TRUCK	NOTES	TOTAL CONTRACT HOURS	BEAT ID
1	Redhill Towing	ALTA	Interstate 880 to Interstate 880 7th Street to Jackson Street	2.03	07/01/07	07/26/09	6:00-10:00	15:00-18:30	13:00-19:00	2	1				b	12,193	1
2	A-One Towing Service	ALTA	Interstate 880 to Contra Costa County Line Interstate 880 to Contra Costa County Line	4.23	07/01/07	07/26/09	6:00-10:00	15:00-19:00	13:00-19:00	2	1				a, b, c	13,755	2
3	Police Garage	ALTA	Interstate 880 to Contra Costa County Line Interstate 880 to Contra Costa County Line	6.01	06/24/07	06/26/11	06:00-10:00	15:00-19:00	13:00-19:00	2	1				b, c	17,137	3
4	Police Garage	ALTA	Interstate 880 to Contra Costa County Line Interstate 880 to Contra Costa County Line	1.01	07/01/07	07/26/09	6:00-10:00	15:00-19:00	13:00-19:00	2	1				b	13,170	4
5	S&S Taw	CC	Interstate 880 to Interstate 580 Interstate 880 to Interstate 580	1.11	07/02/07	07/04/11	06:00-09:00	14:00-17:30		2	1				b	22,221	5
6	BAA Body Works & Towing	SM	Interstate 880 to Interstate 580 Interstate 880 to Interstate 580	1.11	07/01/07	07/13/09	6:00-10:00	15:00-19:00		2	2				a, b	18,754	6
7	Redhill Towing	MIN	Interstate 880 to Interstate 580 Interstate 880 to Interstate 580	1.47	07/01/07	07/06/08	6:00-10:00	15:00-19:00	13:00-19:00	2	2				b, c	13,000	7
8	Campbell's Towing	SC	Interstate 880 to Interstate 580 Interstate 880 to Interstate 580	1.60	07/01/07	07/25/09	6:00-10:00	15:00-19:00	13:00-19:00	2	2				b, c	16,888	8
9	Campbell's Towing	SC	Interstate 880 to Interstate 580 Interstate 880 to Interstate 580	1.14	06/11/07	06/10/11	6:00-10:00	15:00-19:00		3	1				b	32,022	9
10	Starline Enterprise 87	SC	Interstate 880 to Interstate 580 Interstate 880 to Interstate 580	9.22	06/11/07	06/10/11	6:00-10:00	15:00-19:00		2	1				a, b	24,024	10
11	BAA Body Works & Towing	SC	Interstate 880 to Interstate 580 Interstate 880 to Interstate 580	9.93	06/11/07	06/12/11	6:00-10:00	15:00-19:00	10:00-14:00		2				a, b, c	22,073	11
12	Redhill Towing	SM	Interstate 880 to Interstate 580 Interstate 880 to Interstate 580	4.34	06/11/07	07/01/11	6:00-10:00	15:00-19:00		2	1 wdy, 2 wknd				b	15,573	12
13	Redhill Towing	SM	Interstate 880 to Interstate 580 Interstate 880 to Interstate 580	1.77	07/01/07	07/01/11	6:00-10:00	15:00-19:00		2	2				b	17,287	13
14	Redhill Towing	SM	Interstate 880 to Interstate 580 Interstate 880 to Interstate 580	1.77	07/01/07	07/01/11	6:00-10:00	15:00-19:00		2	2				b	8,171	14
15	Redhill Towing	SM	Interstate 880 to Interstate 580 Interstate 880 to Interstate 580	1.77	07/01/07	07/01/11	6:00-10:00	15:00-19:00		2	2				b	6,686	15
16	Redhill Towing	SM	Interstate 880 to Interstate 580 Interstate 880 to Interstate 580	1.77	07/01/07	07/01/11	6:00-10:00	15:00-19:00		2	2				b	3,724	16
17	Redhill Towing	SM	Interstate 880 to Interstate 580 Interstate 880 to Interstate 580	1.60	07/01/07	07/24/11	6:00-10:00	15:00-19:00		2	2				b	10,647	17
18	Redhill Towing	SM	Interstate 880 to Interstate 580 Interstate 880 to Interstate 580	1.60	07/01/07	07/01/11	6:00-10:00	15:00-19:00		2	2				b	3,112	18
19	Redhill Towing	SM	Interstate 880 to Interstate 580 Interstate 880 to Interstate 580	1.60	07/01/07	07/01/11	6:00-10:00	15:00-19:00		2	2				b	25,455	19
20	Redhill Towing	SM	Interstate 880 to Interstate 580 Interstate 880 to Interstate 580	1.60	07/01/07	07/01/11	6:00-10:00	15:00-19:00		2	2				b	6,884	20
21	Redhill Towing	SM	Interstate 880 to Interstate 580 Interstate 880 to Interstate 580	1.60	07/01/07	07/01/11	6:00-10:00	15:00-19:00		2	2				b	17,403	21
22	Redhill Towing	SM	Interstate 880 to Interstate 580 Interstate 880 to Interstate 580	1.60	07/01/07	07/01/11	6:00-10:00	15:00-19:00		2	2				b	10,647	22
23	Redhill Towing	SM	Interstate 880 to Interstate 580 Interstate 880 to Interstate 580	1.60	07/01/07	07/01/11	6:00-10:00	15:00-19:00		2	2				b	3,112	23
24	Redhill Towing	SM	Interstate 880 to Interstate 580 Interstate 880 to Interstate 580	1.60	07/01/07	07/01/11	6:00-10:00	15:00-19:00		2	2				b	6,884	24
25	Redhill Towing	SM	Interstate 880 to Interstate 580 Interstate 880 to Interstate 580	1.60	07/01/07	07/01/11	6:00-10:00	15:00-19:00		2	2				b	11,520	25
26	Redhill Towing	SM	Interstate 880 to Interstate 580 Interstate 880 to Interstate 580	1.60	07/01/07	07/01/11	6:00-10:00	15:00-19:00		2	2				b	6,144	26
27	Redhill Towing	SM	Interstate 880 to Interstate 580 Interstate 880 to Interstate 580	1.60	07/01/07	07/01/11	6:00-10:00	15:00-19:00		2	2				b	31,007	27
28	Redhill Towing	SM	Interstate 880 to Interstate 580 Interstate 880 to Interstate 580	1.60	07/01/07	07/01/11	6:00-10:00	15:00-19:00		2	2				b	13,520	28
29	Redhill Towing	SM	Interstate 880 to Interstate 580 Interstate 880 to Interstate 580	1.60	07/01/07	07/01/11	6:00-10:00	15:00-19:00		2	2				b	13,520	29
30	Redhill Towing	SM	Interstate 880 to Interstate 580 Interstate 880 to Interstate 580	1.60	07/01/07	07/01/11	6:00-10:00	15:00-19:00		2	2				b	13,520	30
31	Redhill Towing	SM	Interstate 880 to Interstate 580 Interstate 880 to Interstate 580	1.60	07/01/07	07/01/11	6:00-10:00	15:00-19:00		2	2				b	6,300	31
32	Redhill Towing	SM	Interstate 880 to Interstate 580 Interstate 880 to Interstate 580	1.60	07/01/07	07/01/11	6:00-10:00	15:00-19:00		2	2				b	4,482	32
33	Redhill Towing	SM	Interstate 880 to Interstate 580 Interstate 880 to Interstate 580	1.60	07/01/07	07/01/11	6:00-10:00	15:00-19:00		2	2				b	18,250	33
34	Redhill Towing	SM	Interstate 880 to Interstate 580 Interstate 880 to Interstate 580	1.60	07/01/07	07/01/11	6:00-10:00	15:00-19:00		2	2				b	4,300	34
35	Redhill Towing	SM	Interstate 880 to Interstate 580 Interstate 880 to Interstate 580	1.60	07/01/07	07/01/11	6:00-10:00	15:00-19:00		2	2				b	12,500	35
36	Redhill Towing	SM	Interstate 880 to Interstate 580 Interstate 880 to Interstate 580	1.60	07/01/07	07/01/11	6:00-10:00	15:00-19:00		2	2				b	12,500	36
37	Redhill Towing	SM	Interstate 880 to Interstate 580 Interstate 880 to Interstate 580	1.60	07/01/07	07/01/11	6:00-10:00	15:00-19:00		2	2				b	12,500	37
38	Redhill Towing	SM	Interstate 880 to Interstate 580 Interstate 880 to Interstate 580	1.60	07/01/07	07/01/11	6:00-10:00	15:00-19:00		2	2				b	12,500	38
39	Redhill Towing	SM	Interstate 880 to Interstate 580 Interstate 880 to Interstate 580	1.60	07/01/07	07/01/11	6:00-10:00	15:00-19:00		2	2				b	12,500	39
40	Redhill Towing	SM	Interstate 880 to Interstate 580 Interstate 880 to Interstate 580	1.60	07/01/07	07/01/11	6:00-10:00	15:00-19:00		2	2				b	12,500	40
41	Redhill Towing	SM	Interstate 880 to Interstate 580 Interstate 880 to Interstate 580	1.60	07/01/07	07/01/11	6:00-10:00	15:00-19:00		2	2				b	12,500	41
42	Redhill Towing	SM	Interstate 880 to Interstate 580 Interstate 880 to Interstate 580	1.60	07/01/07	07/01/11	6:00-10:00	15:00-19:00		2	2				b	12,500	42
43	Redhill Towing	SM	Interstate 880 to Interstate 580 Interstate 880 to Interstate 580	1.60	07/01/07	07/01/11	6:00-10:00	15:00-19:00		2	2				b	12,500	43
44	Redhill Towing	SM	Interstate 880 to Interstate 580 Interstate 880 to Interstate 580	1.60	07/01/07	07/01/11	6:00-10:00	15:00-19:00		2	2				b	12,500	44
45	Redhill Towing	SM	Interstate 880 to Interstate 580 Interstate 880 to Interstate 580	1.60	07/01/07	07/01/11	6:00-10:00	15:00-19:00		2	2				b	12,500	45
46	Redhill Towing	SM	Interstate 880 to Interstate 580 Interstate 880 to Interstate 580	1.60	07/01/07	07/01/11	6:00-10:00	15:00-19:00		2	2				b	12,500	46
47	Redhill Towing	SM	Interstate 880 to Interstate 580 Interstate 880 to Interstate 580	1.60	07/01/07	07/01/11	6:00-10:00	15:00-19:00		2	2				b	12,500	47
48	Redhill Towing	SM	Interstate 880 to Interstate 580 Interstate 880 to Interstate 580	1.60	07/01/07	07/01/11	6:00-10:00	15:00-19:00		2	2				b	12,500	48
49	Redhill Towing	SM	Interstate 880 to Interstate 580 Interstate 880 to Interstate 580	1.60	07/01/07	07/01/11	6:00-10:00	15:00-19:00		2	2				b	12,500	49
50	Redhill Towing	SM	Interstate 880 to Interstate 580 Interstate 880 to Interstate 580	1.60	07/01/07	07/01/11	6:00-10:00	15:00-19:00		2	2				b	12,500	50

TCM E: Transit Access to Airports

BART to San Francisco International Airport:

S. San Francisco: From Colma BART station to the new SFO station; Extend BART system to the San Francisco International Airport.

BART Fares and Schedules

The latest BART fares and schedules (as of January 2008) can be found at:
<http://www.bart.gov/guide/brochures.aspx>

Service Adjustments

See attached document for service adjustments overtime since June 2003 through December 2006.

SFO Service Changes Over Time

Below is a list and description of service changes that have been implemented since the San Francisco Extension opening on June 22, 2003 through December 31, 2006. Some of these changes are major system changes. Other changes are more minor involving train sizing.

June 22, 2003 - SFO Initial Service

Bay Point trains provide service to Millbrae during all hours of operation, all week. Dublin trains provide service to the San Francisco Airport (SFO) during all hours of operation, all week. These routes operate on 15 minute headways during the weekday, and on 20 minute headways during evenings and on weekends. A shuttle train provides service between Millbrae and SFO on 20 minute headways during all hours of operation, all week. In addition to the base 15 minute service, three AM peak period rush trains provide service from Bay Point to Daly City, then operate express from Daly City to SFO. These three trains return during the evening peak period and operate express from SFO to Daly City, then on to Bay Point.

1. Direct service to/from Millbrae and direct service to/from SFO
2. Peak rush trains provide Bay Point line passengers direct service to/from SFO during the peak periods
3. 20 minute shuttle does not synch with the 15 minute base service during the day

February 9, 2004

Bay Point trains provide direct service to SFO, then continue to Millbrae. On the return trip these trains follow the same route back to Bay Point. This service route has been called the "Reverse L" service because the shape of the service on the SFO extension resembles a backward or reverse "L" shape. During the 3-1/2 hour AM and PM peak period on weekdays, Richmond trains provide direct service to Millbrae, then continue to SFO. On the return trip these trains follow the same route back to Richmond. This service route is referred to as the "L" service. The Richmond trains do not operate on the weekend. When the Richmond trains are operating on the extension during the week the Bay Point trains terminate at SFO and do not continue to Millbrae. At all other times (off-peak, evenings and weekends) the Bay Point trains complete the "Reverse L" service pattern. There are no other direct peak period rush trains. Service during the day (and during the peak rush) is 15 minutes, while evenings and weekends operate at 20 minute headways.

1. Provides for direct service on all extension routes to Millbrae and SFO, no need to transfer
2. 20 minute shuttle (during normal 15 minute service) replaced by 15 minute direct trains
3. During off-peak, evenings and weekends, direct service to Millbrae is through the SFO station

March 8, 2004

Train sizing adjustments: Train 361 increased from 4 to 5-car train off-peak. Train 441 changed to 10-car peak size for all PM trips instead of breaking to 5-car train on last trip. Other minor adjustments were made to the 200s and 500s.

September 13, 2004

Bay Point trains provide direct service to SFO, then continue to Millbrae. This service provides "Reverse L" service and operates during all hours of operation, all week. During the 3 hour AM and PM peak period on weekdays, Richmond trains provide direct service to SFO, then continue to Millbrae in a "Reverse L" service configuration. During the 3 hour AM and PM peak period (weekdays only) the Richmond and Bay Point trains both provide service directly to and from Millbrae/SFO. The Richmond trains do not operate on the weekend. Service during the day on each route (and during the peak rush) is 15 minutes, while evenings and weekends operate at 20-minute headways.

1. Provides for direct service on all extension routes to Millbrae and SFO, no need to transfer

2. During all hours, direct service to Millbrae is through the SFO station (but is effectively every 7.5 minutes during the 3 hour AM and PM peak periods)

December 13, 2004

Train sizing adjustments were made to better match capacity with demand, generally to shorter trains.

April 23, 2005

Train sizing adjustments: The 300 series trains on Saturday were increased from 8 to 9-car trains.

June 13, 2005

Train lengths were generally shortened to an 8-car plan in two phases, in June and August, 2005, with peak size trains running all day on the Bay Point line.

August 15, 2005

Second phase of implementing the "8-car" plan.

September 12, 2005

Dublin trains provide direct service to SFO, then continue to Millbrae in a "Reverse L" service configuration. Only the Dublin trains will provide service to the extension on weekdays and weekends. Richmond and Bay Point trains will truncate at Daly City. Service during the day (and during the peak rush) is 15 minutes, while evenings and weekends operate at 20-minute headways. Although direct service from Bay Point has been replaced with this new service, the transfer time from a Bay Point base train to SFO train (from Dublin) is only 3-4 minutes in each direction.

September 22, 2005

Extend service from Richmond and lengthen trains. Up to six consists will be lengthened from 4 to 8-car trains. Richmond trains to Daly City will be extended to Colma for two hours in the morning and two hours in the evening.

October 10, 2005

The following adjustments were made:

Weekday

100s - three trains lengthened

200s - one train lengthened, Make/Break timing changed

300s - several trains lengthened with a few trains reduced in size

400s - one train lengthened

500s - No change since September 22, 2005 (Make/Break timing)

Saturday

300s - some trains lengthened

Sunday

300s - some trains lengthened

December 5, 2005

The following adjustments were made:

Weekday

100s - 115 becomes the last AM Break train

300s - Train 323 and 363 increased from 8-car to 9-car trains

Saturday

200s - All trains are now 6-car trains during the day

January 30/31, 2006e

The following adjustments were made:

Weekday

100 Series Trains (net +1)

Train 101 +1 (9 to 10 cars) peak increase

Train 115 off peak increase 4 to 5 cars

200 Series Trains (net 0)

No change

300 Series Trains (net -2)

Train 365 off peak decrease only on dispatches of 20:58, 22:19, and 23:38

Train 367 +1 (9 to 10 cars) off peak decrease only on dispatches of 21:18, 22:39, and 24:00

Train 371 -1 (10 to 9 cars)

Train 377 -1 (10 to 9 cars)

Train 381 -1 (10 to 9 cars)

Train 331 -2 (10 to 8 cars)

Train 335 +2 (8 to 10 cars)

400 Series Trains (net +2)

Train 443 -1 (9 to 8 cars) for AM peak period only

Train 445 +1 (8 to 9 cars)

Train 453 -1 (9 to 8 cars) for PM peak period only

Train 455 +2 (8 to 10 cars) and off peak increase 4 to 5 cars

500 Series Trains (net +10)

Train 501 +1 (8 to 9 cars) peak increase and off peak increase 4 to 5 cars

Train 503 +1 (8 to 9 cars) peak increase and off peak increase 4 to 5 cars

Train 505 +1 (8 to 9 cars) peak increase

Train 507 +1 (8 to 9 cars) peak increase

Train 509 +1 (8 to 9 cars) peak increase

Train 511 +1 (8 to 9 cars) peak increase

Train 513 +1 (8 to 9 cars) peak increase and off peak decrease 8 to 5 cars

Train 519 +1 (8 to 9 cars) peak increase

Train 521 +1 (8 to 9 cars) peak increase and off peak increase 4 to 5 cars

Train 523 +1 (8 to 9 cars) peak increase

Saturday

100s - no change

200s - no change

300s - All 8-car trains are now 9-car trains

400s - no change

500s - Four trains increased from 4 to 5-cars (501, 505, 511, and 515)

Sunday

200s - no change

300s - no change

500s - All trains 9-car midday and some offpeak increased from 4 to 5-cars (503, 505, and 515)

Appendix E
Comments on the Draft Conformity Analysis

No comments received to date.

Appendix F
Methodology for Bay Area Conformity Determinations



Winston H. Hickox
Agency Secretary

Air Resources Board

Alan C. Lloyd, Ph.D.
Chairman

1001 I Street • P.O. Box 2815 • Sacramento, California 95812 • www.arb.ca.gov



Gray Davis
Governor

November 30, 2001

Mr. Wayne Natri
Regional Administrator
U.S. Environmental Protection Agency
Region IX
75 Hawthorne Street
San Francisco, California 94105

Dear Mr. Natri:

The Air Resources Board (ARB/Board) hereby transmits the Bay Area emission factor model (SF Bay Area-EMFAC 2000) to the U.S. Environmental Protection Agency (U.S. EPA) for approval and use in the 2001 San Francisco Bay Area State Implementation Plan (Bay Area SIP) and subsequent Bay Area conformity determinations.

SF Bay Area-EMFAC 2000 is tailored specifically to the San Francisco Bay Area. The emission factors contained in SF Bay Area-EMFAC 2000, along with updated activity data from the Metropolitan Transportation Commission (MTC), provide the basis for the mobile source emissions budgets in the 2001 Bay Area SIP. SF Bay Area-EMFAC 2000 will be used for subsequent Bay Area conformity determinations. At a public meeting on November 1, 2001 the ARB Board approved SF Bay Area-EMFAC 2000 for these purposes following a 30-day public notice. At the time the Bay Area SIP was being developed, this model was the most current emission factor model available. SF Bay Area-EMFAC 2000 was based on EMFAC2000. The documentation for EMFAC2000 was publicly available beginning in May 2000 and made available for use by the Bay Area Air Quality Management District when it began developing the 2001 Bay Area SIP in November 2000.

The three Bay Area co-lead agencies responsible for developing the Bay Area SIP have committed to do a mid-course review of the Bay Area SIP by December 31, 2003 and revise the 2001 SIP by March 2004. ARB has committed to submit the revised Bay Area SIP to U.S. EPA by April 15, 2004. The mid-course review will use the most current emission factor model available at that time to develop the mobile source emissions budgets. This model will be EMFAC2001 or its successor.

*The energy challenge facing California is real. Every Californian needs to take immediate action to reduce energy consumption.
For a list of simple ways you can reduce demand and cut your energy costs, see our Website: <http://www.arb.ca.gov>.*

California Environmental Protection Agency

This transmittal provides documentation of the emission factors and activity data used in SF Bay Area-EMFAC 2000 to develop the 2001 Bay Area SIP. In addition, it includes the methodology ARB will be using to conduct Bay Area conformity determinations.

SF Bay Area-EMFAC 2000 Emission Factor Model Documentation

Comparison between MVEI7F/7G and SF Bay Area-EMFAC 2000

The emission factors used in the SF Bay Area-EMFAC 2000 emission factor model represent a major improvement over emission factors used in older models such as MVEI7F and MVEI7G. SF Bay Area-EMFAC 2000 exhaust hydrocarbon emission rates are significantly higher than the emission rates included in the older models. The increase in exhaust hydrocarbon rates is mainly a result of the following changes:

- More accurately reflecting real-world driving by using the Unified Cycle (UC) driving cycle rather than the Federal Test Procedure (FTP);
- Using new speed adjustment factors to better reflect how emissions change as average driving speeds change;
- Representing 45 model years, rather than only 35; and
- Incorporating new vehicle test data.

Evaporative hydrocarbon emission rates in SF Bay Area-EMFAC 2000 are also significantly higher than the older models' emission rates. The most important changes causing the increase in evaporative hydrocarbon emission rates include:

- Higher hot soak emission rates, especially for older catalyst-equipped vehicles;
- Higher running loss emission rates, based on new data; and
- Including emissions for vehicles with liquid fuel leaks.

Emission rates for oxides of nitrogen (NO_x) are also significantly higher in SF Bay Area-EMFAC 2000 than in the older models. The increased estimates of NO_x emission rates are primarily due to the following changes:

- Inclusion of "off-cycle NO_x" (i.e., NO_x emissions that were not represented in the certification driving cycle); and
- Incorporation of new vehicle test data for catalyst equipped passenger cars and light trucks.

Incorporation of Latest Standards

SF Bay Area-EMFAC 2000 also includes the effects of recently adopted standards on the emissions of the on-road fleet. The future year emission rates in SF Bay Area-EMFAC 2000 reflect the adopted standards described below.

Supplemental Federal Test Procedure

Two supplemental test procedures to the FTP were adopted by the Board in July of 1997. These new standards are applicable to passenger cars, light-duty trucks, and medium-duty vehicles weighing 8,500 pounds or less. These standards require the

control of excess emission of hydrocarbon and oxides of nitrogen during "off-cycle" operations (high speed and hard acceleration), and excess emissions associated with the use of air conditioning. The new standards are to be phased-in between 2001 and 2005.

Low Emission Vehicles (LEVII)

The second phase of Low Emission Vehicle Standards (LEVII) was adopted by the Board in November of 1998. This action imposed more stringent hydrocarbon, carbon monoxide, NOx and exhaust particulate matter emissions standards for passenger cars, light-duty trucks and medium-duty vehicles up to 14,000 pounds sold in California beginning in 2003.

Near Zero Evaporative Standards

Also in November 1998, the Board adopted new standards for the emissions of evaporative hydrocarbons (diurnal, hot soak and resting loss). The standards were reduced from 2 grams per test (hot soak plus diurnal) for passenger cars, to 0.5 grams per test.

New On-Road Motorcycle Standards

In December of 1998, the Board adopted lower exhaust emission standards for on-road motorcycles. These standards, which may require future motorcycles to utilize catalytic converters, are applicable to new motorcycles sold in California beginning in 2004.

Off-Cycle NOx Mitigation

In a settlement reached between the federal government, the Air Resources Board and heavy-duty engine manufacturers, several mitigation measures were agreed to regarding off-cycle NOx emissions. In addition to ending the practice of defaulting to an advanced timing condition during extended cruise operation, several manufacturers have agreed to perform "low emission" rebuilds for in-use engines. These rebuilds will lower the emissions of the in-use fleet.

New Exhaust Emissions Standards for Urban Transit Buses

In February of 2000, the Board adopted a regulation that allows transit agencies the choice between either a diesel or alternative fuel "path" to lower emissions. Beginning in 2002, over the course of 10 years, this regulation requires increased introduction of

cleaner engine buses in transit agencies' fleets, use of cleaner diesel fuel, retrofits to reduce exhaust particulate matter (PM) emissions from older diesel buses, and use of zero-emission buses (ZEBs).

Public Review

The emission factors used in SF Bay Area-EMFAC 2000 were developed in a 3-year process and were subject to public review and comment during three workshops held in 1998, 1999, and 2000. Throughout the comment period, ARB received a number of written and verbal comments, which were addressed in the development of the emission factor model.

Further detail regarding the development of the SF Bay Area-EMFAC 2000 emission factor model may be found in the attached Technical Support Documentation. The Technical Support Documentation refers to broader work on the statewide EMFAC2000 emission factor model, but also applies to the region specific SF Bay Area-EMFAC2000.

Activity Data Documentation

The Bay Area vehicle miles traveled (VMT), VMT growth rates, and VMT-speed distributions incorporated into SF Bay Area-EMFAC 2000 represent the best current activity data estimates available. The derivation of these estimates are explained below.

Vehicle Miles of Travel

Bay Area VMT estimates for calendar year 2000 are based on the ARB VMT estimation methodology using mileage accrual rates derived from Smog Check odometer data and Department of Motor Vehicle vehicle populations (see Section 7 of the attached Technical Support Documentation for further detail on the ARB VMT estimation methodology).

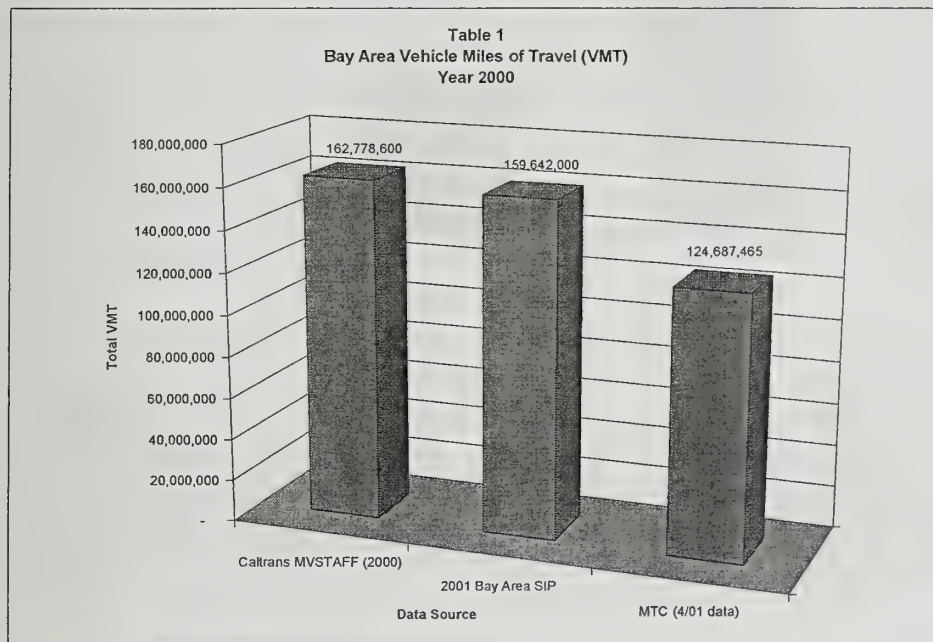
The decision to use ARB's VMT estimate instead of the VMT estimate from MTC's BAYCAST-90 travel demand model for calendar year 2000 was made in an agreement between MTC and ARB. As Table 1 illustrates, MTC's 2000 VMT estimate for the region is about 22 percent lower than both ARB and Caltrans' estimates. The ARB and Caltrans¹ methods for estimating VMT were developed independently of each other, yet fall within 1 percent of each other.

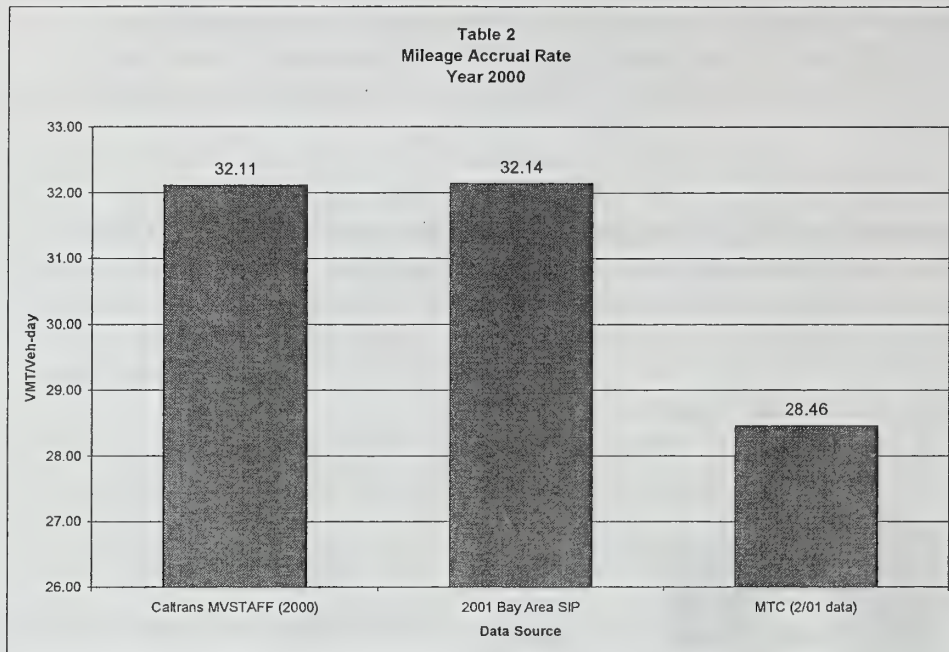
Additional justification for using the ARB VMT estimation methodology is found in the estimate of the number of miles driven by each vehicle per day (i.e., the mileage accrual

¹ Caltrans' VMT estimate was taken from the annual "Motor Vehicle Stock, Travel, and Fuel Forecast" (MVSTAFF) report. The MVSTAFF report forecasts statewide VMT based on statewide vehicle population data from the DMV, fuel consumption estimates from the Board of Equalization, and fuel economy estimates derived from the national fuel economy standards. Statewide VMT estimates are then disaggregated to the county level using county auto registration and road system mileage ratios.

rate). Table 2 compares mileage accrual rates from various data sources. MTC's estimates appear too low to be consistent with odometer readings collected in the Smog Check program. MTC's mileage accrual estimates are 11 percent lower than both Caltrans' ARB's estimates for the Bay Area.

For the purposes of the 2001 Bay Area SIP, MTC agreed to use ARB's 2000 VMT estimate. It was also agreed that the difference in VMT between ARB's and MTC's calendar year 2000 VMT estimates would be used as a "correction" for all future analysis years.





VMT Growth Rates

In the agreement between ARB and MTC, ARB agreed to use MTC's VMT growth rate as implied by the VMT estimates produced by BAYCAST-90. The rationale for this is that while ARB questions the level of travel in calendar year (CY) 2000 as estimated by MTC's travel demand model, ARB is not questioning future year growth projections included in the travel demand model.

VMT-Speed Distributions

The final pieces of activity data provided by MTC and incorporated into SF Bay Area-EMFAC 2000 are the VMT-speed distributions for two calendar years (2000 and 2005). Based on consultation between MTC and ARB staff, ARB incorporated the VMT-speed distributions into SF Bay Area-EMFAC 2000 by applying CY2000 speed distributions to CYs 2000-2003, and CY2005 speed distributions to CYs 2004+.

Methodology for Bay Area Conformity Determinations

For all Bay Area conformity determinations based on the mobile source emissions budgets set in the Bay Area SIP (using SF Bay Area-EMFAC 2000), the following step-wise methodology will be followed:

1. MTC will submit to ARB updated VMT-speed distributions and updated VMT estimates by county for all relevant analysis years. ARB will follow the procedures below for analysis years for which MTC does not submit new activity data (i.e. for which activity data does not change from MTC's original SIP submittal):
 - ARB will use the speed distributions submitted by MTC for the most recent calendar year prior to the analysis year of interest. For example, if MTC submits new VMT-speed distributions for 2005 and 2010, but not for the 2006 analysis year, the 2006 analysis year will use the speed distributions submitted for 2005. VMT-speed distributions will not be interpolated.
 - The VMT estimate for each county will be interpolated using county-specific compounded growth rates.² The interpolated VMT will then be used for the following steps.
2. ARB will calculate VMT for the portions of Sonoma and Solano Counties that fall in the San Francisco (S.F.) Air Basin. This is necessary since the SIP budgets are based on the S.F. Air Basin (which covers only the southern portions of Solano and Sonoma Counties), while the MTC VMT estimates include the full nine Bay Area counties. The county portions will be calculated by multiplying the full county VMT submitted by MTC by the VMT ratio (partial county/county) derived from SF Bay Area-EMFAC 2000.³ In year 2000, about 71 percent of Solano County, and 77 percent of Sonoma County VMT occurred in the S.F. Basin.
3. ARB will calculate the year 2000 difference in VMT between the VMT estimate included in the SF Bay Area-EMFAC 2000 runs⁴ and the VMT estimate submitted by MTC for conformity.⁵ The resulting differences by county represent the VMT "correction" between ARB and MTC's VMT estimates.
4. The VMT correction will be added by county to the submitted VMT for all analysis years, resulting in the "target" VMT estimate that will be used for the conformity modeling runs.⁶

² For example, 2006 VMT is interpolated from 2005 and 2010 VMT estimates submitted by MTC by the following equation: $VMT_{2006} = (VMT_{2010} / VMT_{2005})^{0.2} * VMT_{2005}$

³ For the S.F. Basin portions of Solano and Sonoma County VMT:

S.F. Basin County Portion $VMT_{MTC} = [S.F. \text{ Basin County Portion } VMT_{SFBayArea-EMFAC2000} / \text{Total County } VMT_{SFBayArea-EMFAC2000}] * \text{Total County } VMT_{MTC}$

⁴ SF Bay Area-EMFAC 2000 calculates VMT based on Smog Check odometer readings and DMV vehicle registration data for light duty vehicle classes, and instrumented truck data for the truck classes.

⁵ $VMT_{\text{correction}_{\text{county a}}} = SIP \text{ } VMT_{CY2000} - MTC \text{ } VMT_{CY2000}$

⁶ $\text{Target } VMT_{\text{county a}} = MTC \text{ } VMT_{\text{county a}} + VMT_{\text{correction}_{\text{county a}}}$

5. The county-specific target VMT in the conformity modeling runs will be achieved in SF Bay Area-EMFAC 2000 by modifying the county-specific vehicle populations in SF Bay Area-EMFAC 2000 using the What-if-Scenario (WIS) option. Since vehicle population and VMT are linearly related in SF Bay Area-EMFAC 2000, to obtain the "target" vehicle population, ARB staff will take the ratio between the SIP VMT estimates and the target VMT for each analysis year and apply them to the SIP vehicle population estimates for each respective analysis year.⁷
6. Once the target vehicle populations have been calculated, ARB staff will run SF Bay Area-EMFAC 2000 using the WIS option to adjust vehicle populations by county, and incorporate any updated speed distributions.
7. ARB staff will then apply control factors to the model output to adjust for emission reduction measures not included in the SF Bay Area-EMFAC 2000 emission factor model or changed since the model was developed.
8. Finally, ARB staff will compare the results to the SIP budgets for the conformity demonstration.

If you have questions regarding this submittal, you may contact me at (916) 445-4383, or have your staff contact Ms. Cynthia Marvin, Chief of the Air Quality and Transportation Planning Branch, at (916) 322-7236.

Sincerely,

/s/

Michael P. Kenny
Executive Officer

Enclosures

cc: See next page.

⁷ Target Veh Pop = $[(\text{Target VMT} - \text{SIP VMT}) / \text{SIP VMT}] * \text{SIP Veh Pop} + \text{SIP Veh Pop}$

cc: (w/o Enclosures)
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Ms. Cynthia Marvin
Air Resources Board

Recommended Methods for Use of EMFAC2002 To Develop Motor Vehicle Emissions Budgets and Assess Conformity

As the agency charged with estimating motor vehicle emissions for air quality plans, the Air Resources Board (ARB) has improved the EMFAC modeling tool for use in combination with estimates of vehicle population and activity to develop motor vehicle emissions budgets and assess transportation conformity. The most recent version of this tool, EMFAC2002, has been transmitted to the U.S. Environmental Protection Agency (U.S. EPA) for approval for use in State Implementation Plans (SIPs) and conformity assessments. This paper describes the recommended practices for ARB, air districts, metropolitan planning agencies (MPOs) and regional transportation planning agencies (RTPAs) to use vehicle activity in conjunction with EMFAC2002 emission rates to calculate emissions budgets and conduct conformity assessments.

The vehicle activity indicators commonly used to develop emissions inventories are vehicle trips and vehicle miles of travel (VMT) by speed, vehicle class and time of day. Though not a direct measure of travel activity, vehicle population may also be a variable for these purposes, as described below.

Vehicle trips. In California, MPOs and RTPAs use demographic forecasts and travel demand models to develop estimates of current and future daily VMT, daily vehicle trips and average travel speeds for links in the transportation network. ARB separately estimates daily vehicle trips, but defines trips as the number of times a vehicle is started, rather than a number of specific daily destinations. This distinction is important; ARB and U.S. EPA studies find that vehicles are started five to six times per day, while trips associated with destinations as reported through travel surveys and predicted in travel demand models occur three to four times per day. Because start emissions and the duration of time between starts are crucial to emissions estimation, ARB equates vehicle trips with vehicle starts. Though EMFAC2002 permits model users to alter estimates of vehicle trips used to estimate emissions, ARB recommends that the model's default estimates of vehicle trips (starts), developed from instrumented vehicle studies, be used for air quality planning and conformity purposes.¹ Alternatively, for vehicle classes where appropriate local data are made available for review through the interagency consultation process, use of trip factoring or other methods to fully account for vehicle starts may be employed. Such alternative approaches should be discussed in the interagency consultation process.

¹ An exception would occur when a user chooses to factor these start-based trips to account for trip reduction programs. EMFAC2002 start-based trips rather than destination-based trips should serve as the baseline for this adjustment. The adjustment would be made through the What-If Scenario (WIS) function of EMFAC2002 as follows, where TRS denotes the trip reduction scenario:

$$WIS \text{ Input TRS Trips} = EMFAC \text{ Default Trips} * (RTPA \text{ TRS Trips} / RTPA \text{ Baseline Trips})$$

Vehicle speeds. Most travel demand models provide output of estimated average speed by time period and link that may be summarized for use in EMFAC2002. For each major vehicle class and up to 24 hourly time periods, total VMT is divided into 13 different speed "bins" (5 mph through 65 mph) and used as input to EMFAC2002. ARB recommends continuation of this current practice to develop emissions budgets and assess conformity. Travel from intrazonal trips should be assigned to the appropriate speed bin based on the speed assigned to that travel in the travel demand model. VMT for each speed bin and time period can be used as input through the WIS function of EMFAC2002. It is also possible to input this data specific to vehicle class if adequate and defensible local data are available.

Vehicle population. Vehicle trips (starts) in EMFAC2002 are estimated as a function of the number of vehicles, or vehicle population, by county. The population of each class of motor vehicle is estimated and forecast from Department of Motor Vehicles (DMV) registration data. EMFAC2002 assumes there is a relationship between vehicle population and VMT, carried through mileage accrual rates.² In the default case, the model assumes *vehicle population * mileage accrual = VMT*. ARB-preferred practice is to maintain this internal consistency, for reasons explained below.

Vehicle miles of travel. Daily VMT is both an emissions model input usually provided by MPOs/RTPAs and a model output used to estimate exhaust emissions. ARB staff reviews MPO/RTPA estimates of VMT and vehicle speeds, and supports these estimates for use in air quality plans whenever we agree they are reasonable and defensible. Use of the latest estimates of MPO/RTPA VMT and speeds in plan development facilitates the subsequent federal transportation conformity process. This is particularly important for any year for which the plan creates emissions budgets, as conformity rules allow no emissions budget exceedance, regardless of how small. As there may be some variance between default EMFAC2002 VMT and more recent MPO/RTPA estimates to be used for SIP development, we are recommending a procedure to more exactly incorporate into emissions budgets revised VMT estimates for emissions budget analysis years.

Although it is possible to directly input VMT into EMFAC2002 through the model's WIS function, it is generally not recommended to do this independent of vehicle population because of the desire to properly estimate start and evaporative emissions tied to the size of the vehicle fleet. A change in total forecasted miles of travel implies a change either in the number of vehicles traveling those miles or in mileage accrual rates. For future years, we generally recommend making vehicle population the variable, rather than mileage accrual. Thus, VMT adjustment would usually occur through vehicle population adjustment in the model's WIS function, according to this formula:

$$\text{WIS Input Population} = \text{EMFAC Default Population} * (\text{RTPA VMT} / \text{EMFAC Default VMT})$$

² Accrual rates are miles traveled per year as a function of vehicle age, derived from the Bureau of Automotive Repair Smog Check database as described in Section 7.1 of the EMFAC2000 Technical Support Document, found via http://www.arb.ca.gov/msei/on-road/latest_revisions.htm#pcaccrual.

The result of this modification is that emissions estimates more precisely incorporate the daily VMT provided by each MPO/RTPA to calculate exhaust emissions, and vehicle population is adjusted for consistency with this assumption of higher or lower VMT, providing similarly modified start and evaporative emissions.³ Though the emissions impact of using this approach will often be small, we believe the approach is appropriate given the desire to fully reflect the impacts of changes in travel activity on all emissions processes. Use of consistent methods in air quality plans and conformity assessments will both reduce potential conformity problems and preserve the integrity of the SIP and conformity processes.

Alternatively, local data may indicate that changes in VMT are tied more closely to changes in household or business rates of travel than to changes in vehicle ownership. Or, improved travel demand modeling may project auto ownership rates with a high degree of confidence. In such cases it may be appropriate to adjust total mileage accrual rather than vehicle population. It is also possible to derive a modified VMT forecast from adjustments to both variables in EMFAC2002. Planning agencies are encouraged to present alternative approaches for consideration in the interagency consultation process.

Recommendations

1. ARB recommends that the EMFAC2002 default estimates of vehicle trips, based on starts per day, be used for SIP development and conformity purposes. Model defaults for trips may be factored to account for trip reduction scenarios, but should not be replaced with estimates that do not account for all vehicle starts. Alternative approaches, such as the factoring of travel demand model trip outputs for appropriate classes to account for additional starts, may be considered through interagency consultation.
2. We recommend continuation of current practices for input of latest speed distributions for SIPs and conformity assessments. Travel from intrazonal trips should be assigned to the appropriate speed bin based on the speed assigned to that travel in the travel demand model.
3. To fully reflect the impacts of modified VMT forecasts on all emissions processes, in the calculation of SIP emissions budgets, and in the assessment of conformity with those budgets, vehicle population should be adjusted in EMFAC2002 proportional to the estimated VMT change. Local circumstances may alternatively support adjustment of mileage accrual rates, subject to interagency consultation.

³ After adjusting VMT through use of the population variable in the WIS function of EMFAC, a user who desires to match VMT even more exactly (to the mile instead of the tens of miles) can then adjust VMT in the WIS without disturbing the population adjustment. This is unlikely to have a discernible impact on emissions, however.

APPENDIX A – 45

2015 TIP Detail

Fund Code Description



2015 TIP
Fund Code Description

Fund Code	TIP Fund Code Description	Fund Source	Fund Type	Authorization
1064-T2-FERRY-D	Section 1064 - TEA21 - Ferry Boat Discretionary	1064	FEDERAL	TEA21
1064-T3-FERRY-D	Section 1064 - SAFETEA-LU - Ferry Boat Discretionary	1064	FEDERAL	SAFETEA-LU
1064-T3-FERRY-D-UPP	Section 1064 - SAFETEA-LU - Ferry Boat Discretionary - Urban Partnership Program	1064	FEDERAL	SAFETEA-LU
5208-T2-ITS	Section 5208 - TEA21 - Intelligent Transportation System	5208	FEDERAL	TEA21
5303-T3-MP	Metropolitan Planning Program - SAFETEA-LU	5303	FEDERAL	SAFETEA-LU
5307-ARRA-SFO	Urbanized Area Formula Program - ARRA - San Francisco/Oakland Share	5307	FEDERAL	ARRA
5307-T2-CAP-ANT	Urbanized Area Formula Program - TEA21 - Capital - Antioch Share	5307	FEDERAL	TEA21
5307-T2-CAP-VAC	Urbanized Area Formula Program - TEA21 - Capital - Vacaville Share	5307	FEDERAL	TEA21
5307-T2-ENH-SJO	Urbanized Area Formula Program - TEA21 - Transit Enhancements - San Jose Share	5307	FEDERAL	TEA21
5307-T2-OP-FAI	Urbanized Area Formula Program - TEA21 - Operating - Fairfield Share	5307	FEDERAL	TEA21
5307-T2-OP-NAP	Urbanized Area Formula Program - TEA21 - Operating - Napa Share	5307	FEDERAL	TEA21
5307-T3-CAP	Urbanized Area Formula Program - SAFETEA-LU - Capital	5307	FEDERAL	SAFETEA-LU
5307-T3-CAP-ANT	Urbanized Area Formula Program - SAFETEA-LU - Capital - Antioch Share	5307	FEDERAL	SAFETEA-LU
5307-T3-CAP-CON	Urbanized Area Formula Program - SAFETEA-LU - Capital - Concord Share	5307	FEDERAL	SAFETEA-LU
5307-T3-CAP-FAI	Urbanized Area Formula Program - SAFETEA-LU - Capital - Fairfield Share	5307	FEDERAL	SAFETEA-LU
5307-T3-CAP-GMH	Urbanized Area Formula Program - SAFETEA-LU - Capital - Gilroy/Morgan Hill Share	5307	FEDERAL	SAFETEA-LU
5307-T3-CAP-LIV	Urbanized Area Formula Program - SAFETEA-LU - Capital - Livermore Share	5307	FEDERAL	SAFETEA-LU
5307-T3-CAP-NAP	Urbanized Area Formula Program - SAFETEA-LU - Capital - Napa Share	5307	FEDERAL	SAFETEA-LU
5307-T3-CAP-PET	Urbanized Area Formula Program - SAFETEA-LU - Capital - Petaluma Share	5307	FEDERAL	SAFETEA-LU
5307-T3-CAP-SFO	Urbanized Area Formula Program - SAFETEA-LU - Capital - San Francisco/Oakland Share	5307	FEDERAL	SAFETEA-LU
5307-T3-CAP-SJO	Urbanized Area Formula Program - SAFETEA-LU - Capital - San Jose Share	5307	FEDERAL	SAFETEA-LU
5307-T3-CAP-SR	Urbanized Area Formula Program - SAFETEA-LU - Capital - Santa Rosa Share	5307	FEDERAL	SAFETEA-LU
5307-T3-CAP-VAC	Urbanized Area Formula Program - SAFETEA-LU - Capital - Vacaville Share	5307	FEDERAL	SAFETEA-LU
5307-T3-CAP-VAL	Urbanized Area Formula Program - SAFETEA-LU - Capital - Vallejo Share	5307	FEDERAL	SAFETEA-LU

2015 TIP
Fund Code Description (cont.)

Fund Code	TIP Fund Code Description	Fund Source	Fund Type	Authorization
5307-T3-ENH-ANT	Urbanized Area Formula Program - SAFETEA-LU - Transit Enhancements - Antioch Share	5307	FEDERAL	SAFETEA-LU
5307-T3-ENH-CON	Urbanized Area Formula Program - SAFETEA-LU - Transit Enhancements - Concord Share	5307	FEDERAL	SAFETEA-LU
5307-T3-ENH-SFO	Urbanized Area Formula Program - SAFETEA-LU - Transit Enhancements - San Francisco/Oakland Share	5307	FEDERAL	SAFETEA-LU
5307-T3-ENH-SJO	Urbanized Area Formula Program - SAFETEA-LU - Transit Enhancements - San Jose Share	5307	FEDERAL	SAFETEA-LU
5307-T3-ENH-SR	Urbanized Area Formula Program - SAFETEA-LU - Transit Enhancements - Santa Rosa Share	5307	FEDERAL	SAFETEA-LU
5307-T3-OP-CON	Urbanized Area Formula Program - SAFETEA-LU - Operating - Concord Share	5307	FEDERAL	SAFETEA-LU
5307-T3-OP-FAI	Urbanized Area Formula Program - SAFETEA-LU - Operating - Fairfield Share	5307	FEDERAL	SAFETEA-LU
5307-T3-OP-NAP	Urbanized Area Formula Program - SAFETEA-LU - Operating - Napa Share	5307	FEDERAL	SAFETEA-LU
5307-T3-OP-SFO	Urbanized Area Formula Program - SAFETEA-LU - Operating - San Francisco/Oakland Share	5307	FEDERAL	SAFETEA-LU
5307-T3-OP-SR	Urbanized Area Formula Program - SAFETEA-LU - Operating - Santa Rosa Share	5307	FEDERAL	SAFETEA-LU
5307-T3-OP-VAC	Urbanized Area Formula Program - SAFETEA-LU - Operating - Vacaville Share	5307	FEDERAL	SAFETEA-LU
5307-T3-OP-VAL	Urbanized Area Formula Program - SAFETEA-LU - Operating - Vallejo Share	5307	FEDERAL	SAFETEA-LU
5307-T4-10-CAP-ANT	Urbanized Area Formula Program - SAFETEA-LU Extension - 2010 - Capital - Antioch Share	5307	FEDERAL	SAFETEA-LU Extension
5307-T4-10-CAP-CON	Urbanized Area Formula Program - SAFETEA-LU Extension - 2010 - Capital - Concord Share	5307	FEDERAL	SAFETEA-LU Extension
5307-T4-10-CAP-FAI	Urbanized Area Formula Program - SAFETEA-LU Extension - 2010 - Capital - Fairfield Share	5307	FEDERAL	SAFETEA-LU Extension
5307-T4-10-CAP-GMH	Urbanized Area Formula Program - SAFETEA-LU Extension - 2010 - Capital - Gilroy/Morgan Hill Share	5307	FEDERAL	SAFETEA-LU Extension
5307-T4-10-CAP-LIV	Urbanized Area Formula Program - SAFETEA-LU Extension - 2010 - Capital - Livermore Share	5307	FEDERAL	SAFETEA-LU Extension
5307-T4-10-CAP-NAP	Urbanized Area Formula Program - SAFETEA-LU Extension - 2010 - Capital - Napa Share	5307	FEDERAL	SAFETEA-LU Extension
5307-T4-10-CAP-PET	Urbanized Area Formula Program - SAFETEA-LU Extension - 2010 - Capital - Petaluma Share	5307	FEDERAL	SAFETEA-LU Extension

2015 TIP
Fund Code Description (cont.)

Fund Code	TIP Fund Code Description	Fund Source	Fund Type	Authorization
5307-T4-10-CAP-SFO	Urbanized Area Formula Program - SAFETEA-LU Extension - 2010 - Capital - San Francisco/Oakland Share	5307	FEDERAL	SAFETEA-LU Extension
5307-T4-10-CAP-SJO	Urbanized Area Formula Program - SAFETEA-LU Extension - 2010 - Capital - San Jose Share	5307	FEDERAL	SAFETEA-LU Extension
5307-T4-10-CAP-SRO	Urbanized Area Formula Program - SAFETEA-LU Extension - 2010 - Capital - Santa Rosa Share	5307	FEDERAL	SAFETEA-LU Extension
5307-T4-10-CAP-VAC	Urbanized Area Formula Program - SAFETEA-LU Extension - 2010 - Capital - Vacaville Share	5307	FEDERAL	SAFETEA-LU Extension
5307-T4-10-CAP-VAL	Urbanized Area Formula Program - SAFETEA-LU Extension - 2010 - Capital - Vallejo Share	5307	FEDERAL	SAFETEA-LU Extension
5307-T4-11-CAP-ANT	Urbanized Area Formula Program - SAFETEA-LU Extension - 2011 - Capital - Antioch Share	5307	FEDERAL	SAFETEA-LU Extension
5307-T4-11-CAP-CON	Urbanized Area Formula Program - SAFETEA-LU Extension - 2011 - Capital - Concord Share	5307	FEDERAL	SAFETEA-LU Extension
5307-T4-11-CAP-FAI	Urbanized Area Formula Program - SAFETEA-LU Extension - 2011 - Capital - Fairfield Share	5307	FEDERAL	SAFETEA-LU Extension
5307-T4-11-CAP-GMH	Urbanized Area Formula Program - SAFETEA-LU Extension - 2011 - Capital - Gilroy/Morgan Hill Share	5307	FEDERAL	SAFETEA-LU Extension
5307-T4-11-CAP-LIV	Urbanized Area Formula Program - SAFETEA-LU Extension - 2011 - Capital - Livermore Share	5307	FEDERAL	SAFETEA-LU Extension
5307-T4-11-CAP-NAP	Urbanized Area Formula Program - SAFETEA-LU Extension - 2011 - Capital - Napa Share	5307	FEDERAL	SAFETEA-LU Extension
5307-T4-11-CAP-PET	Urbanized Area Formula Program - SAFETEA-LU Extension - 2011 - Capital - Petaluma Share	5307	FEDERAL	SAFETEA-LU Extension
5307-T4-11-CAP-SFO	Urbanized Area Formula Program - SAFETEA-LU Extension - 2011 - Capital - San Francisco/Oakland Share	5307	FEDERAL	SAFETEA-LU Extension
5307-T4-11-CAP-SJO	Urbanized Area Formula Program - SAFETEA-LU Extension - 2011 - Capital - San Jose Share	5307	FEDERAL	SAFETEA-LU Extension
5307-T4-11-CAP-SRO	Urbanized Area Formula Program - SAFETEA-LU Extension - 2011 - Capital - Santa Rosa Share	5307	FEDERAL	SAFETEA-LU Extension
5307-T4-11-CAP-VAC	Urbanized Area Formula Program - SAFETEA-LU Extension - 2011 - Capital - Vacaville Share	5307	FEDERAL	SAFETEA-LU Extension
5307-T4-11-CAP-VAL	Urbanized Area Formula Program - SAFETEA-LU Extension - 2011 - Capital - Vallejo Share	5307	FEDERAL	SAFETEA-LU Extension

**2015 TIP
Fund Code Description (cont.)**

Fund Code	TIP Fund Code Description	Fund Source	Fund Type	Authorization
5307-T4-12-CAP-ANT	Urbanized Area Formula Program - SAFETEA-LU Extension - 2012 - Capital - Antioch Share	5307	FEDERAL	SAFETEA-LU Extension
5307-T4-12-CAP-CON	Urbanized Area Formula Program - SAFETEA-LU Extension - 2012 - Capital - Concord Share	5307	FEDERAL	SAFETEA-LU Extension
5307-T4-12-CAP-FAI	Urbanized Area Formula Program - SAFETEA-LU Extension - 2012 - Capital - Fairfield Share	5307	FEDERAL	SAFETEA-LU Extension
5307-T4-12-CAP-GMH	Urbanized Area Formula Program - SAFETEA-LU Extension - 2012 - Capital - Gilroy/Morgan Hill Share	5307	FEDERAL	SAFETEA-LU Extension
5307-T4-12-CAP-LIV	Urbanized Area Formula Program - SAFETEA-LU Extension - 2012 - Capital - Livermore Share	5307	FEDERAL	SAFETEA-LU Extension
5307-T4-12-CAP-NAP	Urbanized Area Formula Program - SAFETEA-LU Extension - 2012 - Capital - Napa Share	5307	FEDERAL	SAFETEA-LU Extension
5307-T4-12-CAP-PET	Urbanized Area Formula Program - SAFETEA-LU Extension - 2012 - Capital - Petaluma Share	5307	FEDERAL	SAFETEA-LU Extension
5307-T4-12-CAP-SFO	Urbanized Area Formula Program - SAFETEA-LU Extension - 2012 - Capital - San Francisco/Oakland Share	5307	FEDERAL	SAFETEA-LU Extension
5307-T4-12-CAP-SJO	Urbanized Area Formula Program - SAFETEA-LU Extension - 2012 - Capital - San Jose Share	5307	FEDERAL	SAFETEA-LU Extension
5307-T4-12-CAP-SRO	Urbanized Area Formula Program - SAFETEA-LU Extension - 2012 - Capital - Santa Rosa Share	5307	FEDERAL	SAFETEA-LU Extension
5307-T4-12-CAP-VAC	Urbanized Area Formula Program - SAFETEA-LU Extension - 2012 - Capital - Vacaville Share	5307	FEDERAL	SAFETEA-LU Extension
5307-T4-12-CAP-VAL	Urbanized Area Formula Program - SAFETEA-LU Extension - 2012 - Capital - Vallejo Share	5307	FEDERAL	SAFETEA-LU Extension
5307-T4-13-CAP-ANT	Urbanized Area Formula Program - MAP21 - 2013 - Capital - Antioch Share	5307	FEDERAL	MAP21
5307-T4-13-CAP-CON	Urbanized Area Formula Program - MAP21 - 2013 - Capital - Concord Share	5307	FEDERAL	MAP21
5307-T4-13-CAP-FAI	Urbanized Area Formula Program - MAP21 - 2013 - Capital - Fairfield Share	5307	FEDERAL	MAP21
5307-T4-13-CAP-GMH	Urbanized Area Formula Program - MAP21 - 2013 - Capital - Gilroy/Morgan Hill Share	5307	FEDERAL	MAP21
5307-T4-13-CAP-LIV	Urbanized Area Formula Program - MAP21 - 2013 - Capital - Livermore Share	5307	FEDERAL	MAP21
5307-T4-13-CAP-NAP	Urbanized Area Formula Program - MAP21 - 2013 - Capital - Napa Share	5307	FEDERAL	MAP21
5307-T4-13-CAP-PET	Urbanized Area Formula Program - MAP21 - 2013 - Capital - Petaluma Share	5307	FEDERAL	MAP21
5307-T4-13-CAP-SFO	Urbanized Area Formula Program - MAP21 - 2013 - Capital - San Francisco/Oakland Share	5307	FEDERAL	MAP21

2015 TIP
Fund Code Description (cont.)

Fund Code	TIP Fund Code Description	Fund Source	Fund Type	Authorization
5307-T4-13-CAP-SJO	Urbanized Area Formula Program - MAP21 - 2013 - Capital - San Jose Share	5307	FEDERAL	MAP21
5307-T4-13-CAP-SRO	Urbanized Area Formula Program - MAP21 - 2013 - Capital - Santa Rosa Share	5307	FEDERAL	MAP21
5307-T4-13-CAP-VAC	Urbanized Area Formula Program - MAP21 - 2013 - Capital - Vacaville Share	5307	FEDERAL	MAP21
5307-T4-13-CAP-VAL	Urbanized Area Formula Program - MAP21 - 2013 - Capital - Vallejo Share	5307	FEDERAL	MAP21
5307-T4-14-CAP-ANT	Urbanized Area Formula Program - MAP21 - 2014 - Capital - Antioch Share	5307	FEDERAL	MAP21
5307-T4-14-CAP-CON	Urbanized Area Formula Program - MAP21 - 2014 - Capital - Concord Share	5307	FEDERAL	MAP21
5307-T4-14-CAP-FAI	Urbanized Area Formula Program - MAP21 - 2014 - Capital - Fairfield Share	5307	FEDERAL	MAP21
5307-T4-14-CAP-GMH	Urbanized Area Formula Program - MAP21 - 2014 - Capital - Gilroy/Morgan Hill Share	5307	FEDERAL	MAP21
5307-T4-14-CAP-LIV	Urbanized Area Formula Program - MAP21 - 2014 - Capital - Livermore Share	5307	FEDERAL	MAP21
5307-T4-14-CAP-NAP	Urbanized Area Formula Program - MAP21 - 2014 - Capital - Napa Share	5307	FEDERAL	MAP21
5307-T4-14-CAP-PET	Urbanized Area Formula Program - MAP21 - 2014 - Capital - Petaluma Share	5307	FEDERAL	MAP21
5307-T4-14-CAP-SFO	Urbanized Area Formula Program - MAP21 - 2014 - Capital - San Francisco/Oakland Share	5307	FEDERAL	MAP21
5307-T4-14-CAP-SJO	Urbanized Area Formula Program - MAP21 - 2014 - Capital - San Jose Share	5307	FEDERAL	MAP21
5307-T4-14-CAP-SRO	Urbanized Area Formula Program - MAP21 - 2014 - Capital - Santa Rosa Share	5307	FEDERAL	MAP21
5307-T4-14-CAP-VAC	Urbanized Area Formula Program - MAP21 - 2014 - Capital - Vacaville Share	5307	FEDERAL	MAP21
5307-T4-14-CAP-VAL	Urbanized Area Formula Program - MAP21 - 2014 - Capital - Vallejo Share	5307	FEDERAL	MAP21
5308-T3-CFGP	Clean Fuels Grant Program - SAFETEA-LU	5308	FEDERAL	SAFETEA-LU
5309-T2-FG-ANT	Fixed Guideway Formula - TEA21 - Antioch Share	5309	FEDERAL	TEA21
5309-T2-FG-CON	Fixed Guideway Formula - TEA21 - Concord Share	5309	FEDERAL	TEA21
5309-T3-BUS	Bus Earmark - formerly Section 3 - SAFETEA-LU	5309	FEDERAL	SAFETEA-LU
5309-T3-FG-ANT	Fixed Guideway Formula - SAFETEA-LU - Antioch Share	5309	FEDERAL	SAFETEA-LU
5309-T3-FG-CON	Fixed Guideway Formula - SAFETEA-LU - Concord Share	5309	FEDERAL	SAFETEA-LU
5309-T3-FG-SFO	Fixed Guideway Formula - SAFETEA-LU - San Francisco/Oakland Share	5309	FEDERAL	SAFETEA-LU
5309-T3-FG-SJO	Fixed Guideway Formula - SAFETEA-LU - San Jose Share	5309	FEDERAL	SAFETEA-LU
5309-T3-NRS	New Rail Starts Discretionary - SAFETEA-LU	5309	FEDERAL	SAFETEA-LU
5309-T3-SS	Small Starts Discretionary - SAFETEA-LU	5309	FEDERAL	SAFETEA-LU
5309-T3-UPP	Fixed Guideway Formula - SAFETEA-LU - Urban Partnership Program	5309	FEDERAL	SAFETEA-LU



2015 TIP
Fund Code Description (cont.)

Fund Code	TIP Fund Code Description	Fund Source	Fund Type	Authorization
5309-T4-10-BUS	Bus Earmark - formerly Section 3 - SAFETEA-LU Extension - 2010	5309	FEDERAL	SAFETEA-LU Extension
5309-T4-10-FG-ANT	Fixed Guideway Formula - SAFETEA-LU Extension - 2010 - Antioch Share	5309	FEDERAL	SAFETEA-LU Extension
5309-T4-10-FG-CON	Fixed Guideway Formula - SAFETEA-LU Extension - 2010 - Concord Share	5309	FEDERAL	SAFETEA-LU Extension
5309-T4-10-FG-SFO	Fixed Guideway Formula - SAFETEA-LU Extension - 2010 - San Francisco/Oakland Share	5309	FEDERAL	SAFETEA-LU Extension
5309-T4-10-FG-SJO	Fixed Guideway Formula - SAFETEA-LU Extension - 2010 - San Jose Share	5309	FEDERAL	SAFETEA-LU Extension
5309-T4-11-BUS	Bus Earmark - formerly Section 3 - SAFETEA-LU Extension - 2011	5309	FEDERAL	SAFETEA-LU Extension
5309-T4-11-FG-ANT	Fixed Guideway Formula - SAFETEA-LU Extension - 2011 - Antioch Share	5309	FEDERAL	SAFETEA-LU Extension
5309-T4-11-FG-CON	Fixed Guideway Formula - SAFETEA-LU Extension - 2011 - Concord Share	5309	FEDERAL	SAFETEA-LU Extension
5309-T4-11-FG-SFO	Fixed Guideway Formula - SAFETEA-LU Extension - 2011 - San Francisco/Oakland Share	5309	FEDERAL	SAFETEA-LU Extension
5309-T4-11-FG-SJO	Fixed Guideway Formula - SAFETEA-LU Extension - 2011 - San Jose Share	5309	FEDERAL	SAFETEA-LU Extension
5309-T4-12-BUS	Bus Earmark - formerly Section 3 - SAFETEA-LU Extension - 2012	5309	FEDERAL	SAFETEA-LU Extension
5309-T4-12-FG-ANT	Fixed Guideway Formula - SAFETEA-LU Extension - 2012 - Antioch Share	5309	FEDERAL	SAFETEA-LU Extension
5309-T4-12-FG-CON	Fixed Guideway Formula - SAFETEA-LU Extension - 2012 - Concord Share	5309	FEDERAL	SAFETEA-LU Extension
5309-T4-12-FG-SFO	Fixed Guideway Formula - SAFETEA-LU Extension - 2012 - San Francisco/Oakland Share	5309	FEDERAL	SAFETEA-LU Extension
5309-T4-12-FG-SJO	Fixed Guideway Formula - SAFETEA-LU Extension - 2012 - San Jose Share	5309	FEDERAL	SAFETEA-LU Extension
5310-T3-EPD	Elderly and Persons with Disabilities Program - SAFETEA-LU	5310	FEDERAL	SAFETEA-LU
5311F-T3-NON	Non-Urbanized Area Formula Program - Intercity Bus - SAFETEA-LU	5311F	FEDERAL	SAFETEA-LU
5311-T3-NON	Non-Urbanized Area Formula Program - SAFETEA-LU	5311	FEDERAL	SAFETEA-LU
5312-T4-10-FED-DISC	National Research and Technology Discretionary Program - SAFETEA-LU Extension - 2010	5312	FEDERAL	SAFETEA-LU Extension
5316-T3-JARC	Job Access and Reverse Commute - SAFETEA-LU	5316	FEDERAL	SAFETEA-LU
5316-T3-JARC-ANT	Job Access and Reverse Commute - SAFETEA-LU - Antioch Share	5316	FEDERAL	SAFETEA-LU
5316-T3-JARC-CON	Job Access and Reverse Commute - SAFETEA-LU - Concord Share	5316	FEDERAL	SAFETEA-LU
5316-T3-JARC-PET	Job Access and Reverse Commute - SAFETEA-LU - Petaluma Share	5316	FEDERAL	SAFETEA-LU
5316-T3-JARC-REG	Job Access and Reverse Commute - SAFETEA-LU - Regional Share	5316	FEDERAL	SAFETEA-LU

**2015 TIP
Fund Code Description (cont.)**

Fund Code	TIP Fund Code Description	Fund Source	Fund Type	Authorization
5316-T3-JARC-SFO	Job Access and Reverse Commute - SAFETEA-LU - San Francisco/Oakland Share	5316	FEDERAL	SAFETEA-LU
5316-T3-JARC-SJO	Job Access and Reverse Commute - SAFETEA-LU - San Jose Share	5316	FEDERAL	SAFETEA-LU
5316-T3-JARC-SR	Job Access and Reverse Commute - SAFETEA-LU - Santa Rosa Share	5316	FEDERAL	SAFETEA-LU
5316-T3-JARC-VAL	Job Access and Reverse Commute - SAFETEA-LU - Vallejo Share	5316	FEDERAL	SAFETEA-LU
5317-T3-NFP	New Freedom Program - SAFETEA-LU	5317	FEDERAL	SAFETEA-LU
5317-T3-NFP-ANT	New Freedom Program - SAFETEA-LU - Antioch Share	5317	FEDERAL	SAFETEA-LU
5317-T3-NFP-CON	New Freedom Program - SAFETEA-LU - Concord Share	5317	FEDERAL	SAFETEA-LU
5317-T3-NFP-LIV	New Freedom Program - SAFETEA-LU - Livermore Share	5317	FEDERAL	SAFETEA-LU
5317-T3-NFP-SFO	New Freedom Program - SAFETEA-LU - San Francisco/Oakland Share	5317	FEDERAL	SAFETEA-LU
5317-T3-NFP-SJO	New Freedom Program - SAFETEA-LU - San Jose Share	5317	FEDERAL	SAFETEA-LU
5317-T3-NFP-SR	New Freedom Program - SAFETEA-LU - Santa Rosa Share	5317	FEDERAL	SAFETEA-LU
5317-T3-NFP-VAL	New Freedom Program - SAFETEA-LU - Vallejo Share	5317	FEDERAL	SAFETEA-LU
5337-T4-13-FG-ANT	State of Good Repair Program - MAP21 - 2013 - High-Intensity Fixed Guideway - Antioch Share	5337	FEDERAL	MAP21
5337-T4-13-FG-CON	State of Good Repair Program - MAP21 - 2013 - High-Intensity Fixed Guideway - Concord Share	5337	FEDERAL	MAP21
5337-T4-13-FG-SFO	State of Good Repair Program - MAP21 - 2013 - High-Intensity Fixed Guideway - San Francisco/Oakland Share	5337	FEDERAL	MAP21
5337-T4-13-FG-SJO	State of Good Repair Program - MAP21 - 2013 - High-Intensity Fixed Guideway - San Jose Share	5337	FEDERAL	MAP21
5337-T4-13-HIM-ANT	State of Good Repair Program - MAP21 - 2013 - High-Intensity Motorbus - Antioch Share	5337	FEDERAL	MAP21
5337-T4-13-HIM-CON	State of Good Repair Program - MAP21 - 2013 - High-Intensity Motorbus - Concord Share	5337	FEDERAL	MAP21
5337-T4-13-HIM-SJO	State of Good Repair Program - MAP21 - 2013 - High-Intensity Motorbus - San Jose Share	5337	FEDERAL	MAP21
5337-T4-14-FG-ANT	State of Good Repair Program - MAP21 - 2014 - High-Intensity Fixed Guideway - Antioch Share	5337	FEDERAL	MAP21
5337-T4-14-FG-CON	State of Good Repair Program - MAP21 - 2014 - High-Intensity Fixed Guideway - Concord Share	5337	FEDERAL	MAP21

2015 TIP
Fund Code Description (cont.)

Fund Code	TIP Fund Code Description	Fund Source	Fund Type	Authorization
5337-T4-14-FG-SFO	State of Good Repair Program - MAP21 - 2014 - High-Intensity Fixed Guideway - San Francisco/Oakland Share	5337	FEDERAL	MAP21
5337-T4-14-FG-SJO	State of Good Repair Program - MAP21 - 2014 - High-Intensity Fixed Guideway - San Jose Share	5337	FEDERAL	MAP21
5337-T4-14-HIM-ANT	State of Good Repair Program - MAP21 - 2014 - High-Intensity Motorbus - Antioch Share	5337	FEDERAL	MAP21
5337-T4-14-HIM-CON	State of Good Repair Program - MAP21 - 2014 - High-Intensity Motorbus - Concord Share	5337	FEDERAL	MAP21
5337-T4-14-HIM-SFO	State of Good Repair Program - MAP21 - 2014 - High-Intensity Motorbus - San Francisco/Oakland Share	5337	FEDERAL	MAP21
5337-T4-14-HIM-SJO	State of Good Repair Program - MAP21 - 2014 - High-Intensity Motorbus - San Jose Share	5337	FEDERAL	MAP21
5339-T3	Alternatives Analysis Program - SAFETEA-LU	5339	FEDERAL	SAFETEA-LU
5339-T4-13-ANT	Bus and Bus Facilities Formula Program - MAP21 - 2013 - Antioch Share	5339	FEDERAL	MAP21
5339-T4-13-CON	Bus and Bus Facilities Formula Program - MAP21 - 2013 - Concord Share	5339	FEDERAL	MAP21
5339-T4-13-GMH	Bus and Bus Facilities Formula Program - MAP21 - 2013 - Gilroy/Morgan Hill Share	5339	FEDERAL	MAP21
5339-T4-13-NAP	Bus and Bus Facilities Formula Program - MAP21 - 2013 - Napa Share	5339	FEDERAL	MAP21
5339-T4-13-PET	Bus and Bus Facilities Formula Program - MAP21 - 2013 - Petaluma Share	5339	FEDERAL	MAP21
5339-T4-13-SFO	Bus and Bus Facilities Formula Program - MAP21 - 2013 - San Francisco/Oakland Share	5339	FEDERAL	MAP21
5339-T4-13-SJO	Bus and Bus Facilities Formula Program - MAP21 - 2013 - San Jose Share	5339	FEDERAL	MAP21
5339-T4-13-SRO	Bus and Bus Facilities Formula Program - MAP21 - 2013 - Santa Rosa Share	5339	FEDERAL	MAP21
5339-T4-13-VAC	Bus and Bus Facilities Formula Program - MAP21 - 2013 - Vacaville Share	5339	FEDERAL	MAP21
5339-T4-13-VAL	Bus and Bus Facilities Formula Program - MAP21 - 2013 - Vallejo Share	5339	FEDERAL	MAP21
5339-T4-14-ANT	Bus and Bus Facilities Formula Program - MAP21 - 2014 - Antioch Share	5339	FEDERAL	MAP21
5339-T4-14-CON	Bus and Bus Facilities Formula Program - MAP21 - 2014 - Concord Share	5339	FEDERAL	MAP21
5339-T4-14-FAI	Bus and Bus Facilities Formula Program - MAP21 - 2014 - Fairfield Share	5339	FEDERAL	MAP21
5339-T4-14-GMH	Bus and Bus Facilities Formula Program - MAP21 - 2014 - Gilroy/Morgan Hill Share	5339	FEDERAL	MAP21
5339-T4-14-NAP	Bus and Bus Facilities Formula Program - MAP21 - 2014 - Napa Share	5339	FEDERAL	MAP21
5339-T4-14-PET	Bus and Bus Facilities Formula Program - MAP21 - 2014 - Petaluma Share	5339	FEDERAL	MAP21

**2015 TIP
Fund Code Description (cont.)**

Fund Code	TIP Fund Code Description	Fund Source	Fund Type	Authorization
5339-T4-14-SFO	Bus and Bus Facilities Formula Program - MAP21 - 2014 - San Francisco/Oakland Share	5339	FEDERAL	MAP21
5339-T4-14-SJO	Bus and Bus Facilities Formula Program - MAP21 - 2014 - San Jose Share	5339	FEDERAL	MAP21
5339-T4-14-SRO	Bus and Bus Facilities Formula Program - MAP21 - 2014 - Santa Rosa Share	5339	FEDERAL	MAP21
AB1171-AB144	AB1171 and AB144	AB1171-AB144	STATE	STATE
AC-LOCAL	Advance Construction - Local Funds	AC	LOCAL	LOCAL
AC-STATE-SHOPP	SHOPP Advance Construction	AC	STATE	STATE
BR-SEISMIC-LOC	Bridge Seismic Local	LOCAL	LOCAL	LOCAL
BT-664	Bridge Toll - AB664	BT	REGIONAL	AB644
BTA	Bridge Toll Account	BTA	STATE	STATE
BT-RM1-2%-NBG	Bridge Toll - Regional Measure 1 - 2% - Northern Bridge Group	BT	REGIONAL	Regional Measure 1
BT-RM1-2%-SBG	Bridge Toll - Regional Measure 1 - 2% - Southern Bridge Group	BT	REGIONAL	Regional Measure 1
BT-RM1-BR	Bridge Toll - Regional Measure 1 - Bridge	BT	REGIONAL	Regional Measure 1
BT-RM1-TR	Bridge Toll - Regional Measure 1 - Transit	BT	REGIONAL	Regional Measure 1
BT-RM2-CAP	Bridge Toll - Regional Measure 2 - Capital	BT	REGIONAL	Regional Measure 2
BT-RM2-LOC	Bridge Toll - Regional Measure 2 - Local	BT	REGIONAL	Regional Measure 2
BT-RM2-OP	Bridge Toll - Regional Measure 2 - Operating	BT	REGIONAL	Regional Measure 2
CARB	California Air Resources Board	CARB	STATE	STATE
CMAQ-T2-FY00-CM	CMAQ - TEA21 - 2000 - Corridor Management	CMAQ	FEDERAL	TEA21
CMAQ-T2-FY00-RAB	CMAQ - TEA21 - 2000 - RABA	CMAQ	FEDERAL	TEA21
CMAQ-T2-FY00-RE	CMAQ - TEA21 - 2000 - Maintenance/Rehab	CMAQ	FEDERAL	TEA21
CMAQ-T2-FY00-RT	CMAQ - TEA21 - 2000 - Regional Transit	CMAQ	FEDERAL	TEA21
CMAQ-T2-FY02-TLC	CMAQ - TEA21 - 2002 - Transportation for Livable Communities	CMAQ	FEDERAL	TEA21
CMAQ-T2-FY99-CSCM	CMAQ - TEA21 - 1999 - Customer Service/Corridor Management	CMAQ	FEDERAL	TEA21
CMAQ-T2-FY99-TLC	CMAQ - TEA21 - 1999 - Transportation for Livable Communities	CMAQ	FEDERAL	TEA21
CMAQ-T3-1-AQ	CMAQ - SAFETEA-LU - Cycle 1 - Air Quality Strategies	CMAQ	FEDERAL	SAFETEA-LU
CMAQ-T3-1-AQ-SWAP	CMAQ - SAFETEA-LU - Cycle 1 - Air Quality Strategies - Funding exchange	CMAQ	FEDERAL	SAFETEA-LU
CMAQ-T3-1-RO	CMAQ - SAFETEA-LU - Cycle 1 - Regional Operations	CMAQ	FEDERAL	SAFETEA-LU

2015 TIP
Fund Code Description (cont.)

Fund Code	TIP Fund Code Description	Fund Source	Fund Type	Authorization
CMAQ-T3-1-TROC-LIFE	CMAQ - SAFETEA-LU - Cycle 1 - Transportation Revitalizing Our Communities - Lifeline Transportation Program	CMAQ	FEDERAL	SAFETEA-LU
CMAQ-T3-2-AQ	CMAQ - SAFETEA-LU - Cycle 2 - Air Quality Strategies	CMAQ	FEDERAL	SAFETEA-LU
CMAQ-T3-2-RBP-REG	CMAQ - SAFETEA-LU - Cycle 2 - Regional Bicycle/Pedestrian - Regional	CMAQ	FEDERAL	SAFETEA-LU
CMAQ-T3-2-TLC-HIP	CMAQ - SAFETEA-LU - Cycle 2 - Transportation for Livable Communities - Housing Incentive Program	CMAQ	FEDERAL	SAFETEA-LU
CMAQ-T3-2-TLC-REG	CMAQ - SAFETEA-LU - Cycle 2 - Transportation for Livable Communities - Regional	CMAQ	FEDERAL	SAFETEA-LU
CMAQ-T3-2-TROC-LIFE	CMAQ - SAFETEA-LU - Cycle 2 - Transportation Revitalizing Our Communities - Lifeline Transportation Program	CMAQ	FEDERAL	SAFETEA-LU
CMAQ-T3-3-AQ	CMAQ - SAFETEA-LU - Cycle 3 - Air Quality Strategies	CMAQ	FEDERAL	SAFETEA-LU
CMAQ-T3-3-AQ-SOL	CMAQ - SAFETEA-LU - Cycle 3 - Air Quality - Eastern Solano	CMAQ	FEDERAL	SAFETEA-LU
CMAQ-T3-3B-3434	CMAQ - SAFETEA-LU - Cycle 3 Bonus - 3434 Transit Expansion	CMAQ	FEDERAL	SAFETEA-LU
CMAQ-T3-3B-SYS-SFTY-SWAP	CMAQ - SAFETEA-LU - Cycle 3 Bonus - Swap	CMAQ	FEDERAL	SAFETEA-LU
CMAQ-T3-3-RBP-CO	CMAQ - SAFETEA-LU - Cycle 3 - Regional Bicycle/Pedestrian - County Discretion	CMAQ	FEDERAL	SAFETEA-LU
CMAQ-T3-3-RO	CMAQ - SAFETEA-LU - Cycle 3 - Regional Operations	CMAQ	FEDERAL	SAFETEA-LU
CMAQ-T3-3-TLC-CO	CMAQ - SAFETEA-LU - Cycle 3 - Transportation for Livable Communities - County Discretion	CMAQ	FEDERAL	SAFETEA-LU
CMAQ-T3-3-TLC-HIP	CMAQ - SAFETEA-LU - Cycle 3 - Transportation for Livable Communities - Housing Incentive Program	CMAQ	FEDERAL	SAFETEA-LU
CMAQ-T3-3-TLC-REG	CMAQ - SAFETEA-LU - Cycle 3 - Transportation for Livable Communities - Regional	CMAQ	FEDERAL	SAFETEA-LU
CMAQ-T4-1-CCI	CMAQ - SAFETEA-LU Extension - Cycle 1 - Climate Change Initiative	CMAQ	FEDERAL	SAFETEA-LU Extension
CMAQ-T4-1-CCI	CMAQ - MAP21 - Cycle 1 - Climate Change Initiative	CMAQ	FEDERAL	MAP21
CMAQ-T4-1-CCI-SOL	CMAQ - SAFETEA-LU Extension - Cycle 1 - Climate Change Initiative - Eastern Solano CMAQ	CMAQ	FEDERAL	SAFETEA-LU Extension
CMAQ-T4-1-FPI	CMAQ - SAFETEA-LU Extension - Cycle 1 - Freeway Performance Initiative	CMAQ	FEDERAL	SAFETEA-LU Extension
CMAQ-T4-1-LIFE	CMAQ - MAP21 - Cycle 1 - Lifeline Transportation Program	CMAQ	FEDERAL	MAP21

2015 TIP
Fund Code Description (cont.)

Fund Code	TIP Fund Code Description	Fund Source	Fund Type	Authorization
CMAQ-T4-1-RBP-CO	CMAQ - SAFETEA-LU Extension - Cycle 1 - Regional Bicycle Program - County Discretionary	CMAQ	FEDERAL	SAFETEA-LU Extension
CMAQ-T4-1-RBP-CO	CMAQ - MAP21 - Cycle 1 - Regional Bicycle Program - County Discretionary	CMAQ	FEDERAL	MAP21
CMAQ-T4-1-RO	CMAQ - SAFETEA-LU Extension - Cycle 1 - Regional Operations	CMAQ	FEDERAL	SAFETEA-LU Extension
CMAQ-T4-1-RSI	CMAQ - MAP21 - Cycle 1 - Regional Strategic Initiatives	CMAQ	FEDERAL	MAP21
CMAQ-T4-1-RSRTS-CO	CMAQ - SAFETEA-LU Extension - Cycle 1 - Regional Safe Routes to School - County Discretionary	CMAQ	FEDERAL	SAFETEA-LU Extension
CMAQ-T4-1-RSRTS-CO	CMAQ - MAP21 - Cycle 1 - Regional Safe Routes to School - County Discretionary	CMAQ	FEDERAL	MAP21
CMAQ-T4-1-RSRTS-REG	CMAQ - SAFETEA-LU Extension - Cycle 1 - Regional Safe Routes to School - Regional Competitive	CMAQ	FEDERAL	SAFETEA-LU Extension
CMAQ-T4-1-TLC-CO	CMAQ - SAFETEA-LU Extension - Cycle 1 - Transportation for Livable Communities - County Discretion	CMAQ	FEDERAL	SAFETEA-LU Extension
CMAQ-T4-1-TLC-CO	CMAQ - MAP21 - Cycle 1 - Transportation for Livable Communities - County Discretion	CMAQ	FEDERAL	MAP21
CMAQ-T4-1-TLC-REG	CMAQ - SAFETEA-LU Extension - Cycle 1 - Transportation for Livable Communities - Regional Competitive	CMAQ	FEDERAL	SAFETEA-LU Extension
CMAQ-T4-1-TLC-REG	CMAQ - MAP21 - Cycle 1 - Transportation for Livable Communities - Regional Competitive	CMAQ	FEDERAL	MAP21
CMAQ-T4-1-TLC-REG-EXCH	CMAQ - SAFETEA-LU Extension - Cycle 1 - Transportation for Livable Communities - Regional Competitive - Exchange	CMAQ	FEDERAL	SAFETEA-LU Extension
CMAQ-T4-2-CIP-REG	CMAQ - MAP21 - Cycle 2 - Climate Initiatives Program	CMAQ	FEDERAL	MAP21
CMAQ-T4-2-FPI-REG	CMAQ - SAFETEA-LU Extension - Cycle 2 - Freeway Performance Initiative	CMAQ	FEDERAL	SAFETEA-LU Extension
CMAQ-T4-2-FPI-REG	CMAQ - MAP21 - Cycle 2 - Freeway Performance Initiative	CMAQ	FEDERAL	MAP21
CMAQ-T4-2-OBAG	CMAQ - MAP21 - Cycle 2 - One Bay Area Grant Program	CMAQ	FEDERAL	MAP21
CMAQ-T4-2-RO-REG	CMAQ - SAFETEA-LU Extension - Cycle 2 - Regional Operations	CMAQ	FEDERAL	SAFETEA-LU Extension
CMAQ-T4-2-RO-REG	CMAQ - MAP21 - Cycle 2 - Regional Operations	CMAQ	FEDERAL	MAP21
CMAQ-T4-2-RSRTS-REG	CMAQ - SAFETEA-LU Extension - Cycle 2 - Regional Safe Routes to School - Regional Competitive	CMAQ	FEDERAL	SAFETEA-LU Extension
CMAQ-T4-2-RSRTS-REG	CMAQ - MAP21 - Cycle 2 - Regional Safe Routes to School - Regional Competitive	CMAQ	FEDERAL	MAP21
CMAQ-T4-2-TCP-TPI-REG	CMAQ - SAFETEA-LU Extension - Cycle 2 - Transit Capital Program - Transit Performance Initiative	CMAQ	FEDERAL	MAP21

2015 TIP
Fund Code Description (cont.)

Fund Code	TIP Fund Code Description	Fund Source	Fund Type	Authorization
CMAQ-T4-2-TPI-REG	CMAQ - SAFETEA-LU Extension - Cycle 2 - Transit Performance Initiative - Regional Competitive	CMAQ	FEDERAL	SAFETEA-LU Extension
CMAQ-T4-2-TPI-REG	CMAQ - MAP21 - Cycle 2 - Transit Performance Initiative - Regional Competitive	CMAQ	FEDERAL	MAP21
DBR-T2-RPL	Discretionary Bridge Program - TEA21 - Replacement	DBR	STATE	TEA21
DBR-T2-SR	Discretionary Bridge Program - TEA21 - Seismic Retrofit	DBR	STATE	TEA21
EARMARK-T2-DEMO	Earmark - TEA21 - Demonstration	EARMARK	FEDERAL	TEA21
EARMARK-T2-HP	Earmark - TEA21 - High Priority	EARMARK	FEDERAL	TEA21
EARMARK-T2-STP112	Earmark - TEA21 - Surface Transportation Program Section 112	EARMARK	FEDERAL	TEA21
EARMARK-T2-STP115	Earmark - TEA21 - Surface Transportation Program Section 115	EARMARK	FEDERAL	TEA21
EARMARK-T3-05-STP	Earmark - SAFETEA-LU - 2005 Federal Appropriation - FHWA Earmark	EARMARK	FEDERAL	SAFETEA-LU
EARMARK-T3-06-STP	Earmark - SAFETEA-LU - 2006 Federal Appropriation - Surface Transportation Priorities	EARMARK	FEDERAL	SAFETEA-LU
EARMARK-T3-08-STP	Earmark - SAFETEA-LU - 2008 Federal Appropriation - FHWA Earmark - STP	EARMARK	FEDERAL	SAFETEA-LU
EARMARK-T3-08-TCSP	Earmark - SAFETEA-LU - 2008 Federal Appropriation - FHWA Earmark - TCSP	EARMARK	FEDERAL	SAFETEA-LU
EARMARK-T3-09-IM	Earmark - SAFETEA-LU - 2009 Federal Appropriation - FHWA Earmark - IM	EARMARK	FEDERAL	SAFETEA-LU
EARMARK-T3-09-TCSP	Earmark - SAFETEA-LU - 2009 Federal Appropriation FHWA Earmark - TCSP	EARMARK	FEDERAL	SAFETEA-LU
EARMARK-T3-10-IM	Earmark - SAFETEA-LU - 2010 Federal Appropriation FHWA Earmark - IM	EARMARK	FEDERAL	SAFETEA-LU
EARMARK-T3-10-STP	Earmark - SAFETEA-LU - 2010 Federal Appropriation - FHWA Earmark - STP	EARMARK	FEDERAL	SAFETEA-LU
EARMARK-T3-10-TCSP	Earmark - SAFETEA-LU - 2010 Federal Appropriation FHWA Earmark - TCSP	EARMARK	FEDERAL	SAFETEA-LU
EARMARK-T3-HBP	Earmark - SAFETEA-LU - Highway Bridge Program	EARMARK	FEDERAL	SAFETEA-LU
EARMARK-T3-HPP	Earmark - SAFETEA-LU - High Priority Project	EARMARK	FEDERAL	SAFETEA-LU
EARMARK-T3-HPP-1767	Earmark - SAFETEA-LU - High Priority Project - Project # 1767	EARMARK	FEDERAL	SAFETEA-LU
EARMARK-T3-HPP-2444	Earmark - SAFETEA-LU - High Priority Project - Project # 2444	EARMARK	FEDERAL	SAFETEA-LU
EARMARK-T3-HPP-3762	Earmark - SAFETEA-LU - High Priority Project - Project # 3762	EARMARK	FEDERAL	SAFETEA-LU
EARMARK-T3-HPP-3763	Earmark - SAFETEA-LU - High Priority Project - Project # 3763	EARMARK	FEDERAL	SAFETEA-LU
EARMARK-T3-MFI	Earmark - SAFETEA-LU - Multimodal Facility Improvements	EARMARK	FEDERAL	SAFETEA-LU
EARMARK-T3-NMTPP	Earmark - SAFETEA-LU - Non-Motorized Transportation Pilot Program	EARMARK	FEDERAL	SAFETEA-LU

2015 TIP
Fund Code Description (cont.)

Fund Code	TIP Fund Code Description	Fund Source	Fund Type	Authorization
EARMARK-T3-PNRS	Earmark - SAFETEA-LU - Projects of National and Regional Significance	EARMARK	FEDERAL	SAFETEA-LU
EARMARK-T3-STP115	Earmark - SAFETEA-LU - Surface Transportation Program Section 115	EARMARK	FEDERAL	SAFETEA-LU
EARMARK-T3-TI	Earmark - SAFETEA-LU - Transportation Improvements	EARMARK	FEDERAL	SAFETEA-LU
ECCRFA	Eastern Contra Costa Regional Fee and Financing Authority	ECCRFA	LOCAL	LOCAL
EDA-T2	Economic Development Grant Act - TEA21	EDA	FEDERAL	TEA21
ERS-T2	Emergency Relief State - TEA21	ERS	FEDERAL	TEA21
ER-T2	Emergency Relief - TEA21	ER	FEDERAL	TEA21
FARE REVENUE	Transit Fare Revenue	OTHER LOCAL	LOCAL	LOCAL
FED-DISC-T4-11-IMD	Federal Discretionary - SAFETEA-LU Extension - 2011 - Interstate Maintenance	FED-DISC	FEDERAL	SAFETEA-LU Extension
FED-DISC-T4-12-HSR	Federal Discretionary - SAFETEA-LU Extension - 2012 - High-Speed Rail	FED-DISC	FEDERAL	SAFETEA-LU Extension
FED-DISC-T4-12-HfL	Federal Discretionary - SAFETEA-LU Extension - 2012 -Highways for Life	FED-DISC	FEDERAL	SAFETEA-LU Extension
FED-DISC-T4-12-PLHD	Federal Discretionary - SAFETEA-LU Extension - 2012 -Public Lands Highways Discretionary	FED-DISC	FEDERAL	SAFETEA-LU Extension
FED-DISC-T4-12-TCSP	Federal Discretionary - SAFETEA-LU Extension - 2012 -Transportation, Community, and System Preservation	FED-DISC	FEDERAL	SAFETEA-LU Extension
FED-DISC-T4-12-VPPP	Federal Discretionary - SAFETEA-LU Extension - 2012 -Value Pricing Pilot Program	FED-DISC	FEDERAL	SAFETEA-LU Extension
FEMA-T3	Federal Emergency Management Agency - SAFETEA-LU	FEMA	FEDERAL	SAFETEA-LU
FLHP-T2-PLH	Federal Lands Highway Program - TEA21 - Public Lands Highway	FLHP	FEDERAL	TEA21
FLHP-T3	Federal Lands Highway Program - SAFETEA-LU	FLHP	FEDERAL	SAFETEA-LU
FLHP-T3-PLH	Federal Lands Highway Program - SAFETEA-LU - Public Lands Highway	FLHP	FEDERAL	SAFETEA-LU
FLHP-T3-PLH-UPP	Federal Lands Highway Program - SAFETEA-LU - Public Lands Highway - Urban Partnership Program	FLHP	FEDERAL	SAFETEA-LU
GENERAL FUND	General Fund Revenue	GENERAL FUND	LOCAL	LOCAL
GFSTIP-T2-FY98-GF-F/ST	GrandFathered State Transportation Improvement Program - TEA21 - 1998 - Federal/State	GFSTIP	FEDERAL/S TATE	TEA21
GFSTIP-T2-FY98-GF-NHS	GrandFathered State Transportation Improvement Program - TEA21 - 1998 - National Highway System with State Match	GFSTIP	FEDERAL/S TATE	TEA21
HBP-T3-L	Highway Bridge Program - SAFETEA-LU - Local Bridge	HBP	FEDERAL	TEA21
HBP-T4-L	Highway Bridge Program - SAFETEA-LU Extension - Local Bridge	HBP	FEDERAL	SAFETEA-LU Extension
HBP-T4-L	Highway Bridge Program - MAP21 - Local Bridge	HBP	FEDERAL	MAP21

2015 TIP
Fund Code Description (cont.)

Fund Code	TIP Fund Code Description	Fund Source	Fund Type	Authorization
HBRR	Highway Bridge Replacement And Rehabilitation	HBRR	FEDERAL	TEA21
HBRR-S	Highway Bridge Replacement And Rehabilitation - State Bridge	HBRR-S	FEDERAL	TEA21
HRRR-T3-1	High Risk Rural Roads - SAFETEA-LU - Cycle 1	HRRR	FEDERAL	SAFETEA-LU
HRRR-T3-2	High Risk Rural Roads - SAFETEA-LU - Cycle 2	HRRR	FEDERAL	SAFETEA-LU
HRRR-T3-3	High Risk Rural Roads - SAFETEA-LU - Cycle 3	HRRR	FEDERAL	SAFETEA-LU
HSIP-T3-1	Highway Safety Improvement Program - SAFETEA-LU - Cycle 1	HSIP	FEDERAL	SAFETEA-LU
HSIP-T3-2	Highway Safety Improvement Program - SAFETEA-LU - Cycle 2	HSIP	FEDERAL	SAFETEA-LU
HSIP-T4-3	Highway Safety Improvement Program - SAFETEA-LU Extension - Cycle 3	HSIP	FEDERAL	SAFETEA-LU Extension
HSIP-T4-4	Highway Safety Improvement Program - SAFETEA-LU Extension - Cycle 4	HSIP	FEDERAL	SAFETEA-LU Extension
HSIP-T4-4	Highway Safety Improvement Program - MAP21 - Cycle 4	HSIP	FEDERAL	SAFETEA-LU Extension
HSIP-T4-5	Highway Safety Improvement Program - SAFETEA-LU Extension - Cycle 5	HSIP	FEDERAL	SAFETEA-LU Extension
HSIP-T4-5	Highway Safety Improvement Program - MAP21 - Cycle 5	HSIP	FEDERAL	MAP21
HSIP-T4-6	Highway Safety Improvement Program - MAP21 - Cycle 6	HSIP	FEDERAL	MAP21
IBRC	Innovative Bridge Research and Construction	IBRC	FEDERAL	TEA21
IIP-T2-00-F/ST	Interregional Improvement Program - TEA21 - 2000 STIP - Federal/State	IIP	FEDERAL/S TATE	TEA21
IIP-T2-00-ST	Interregional Improvement Program - TEA21 - 2000 STIP - State	IIP	STATE	TEA21
IIP-T2-02-F/ST	Interregional Improvement Program - TEA21 - 2002 STIP - Federal/State	IIP	FEDERAL/S TATE	TEA21
IIP-T2-02-ST	Interregional Improvement Program - TEA21 - 2000 STIP - State	IIP	STATE	TEA21
IIP-T2-FY98-F/ST	Interregional Improvement Program - TEA21 - 1998 STIP - Federal/State	IIP	FEDERAL/S TATE	TEA21
IIP-T2-FY98-ST	Interregional Improvement Program - TEA21 - 1998 STIP - State	IIP	STATE	TEA21
IIP-T3-04-ST	Interregional Improvement Program - SAFETEA-LU - 2004 STIP - State	IIP	STATE	SAFETEA-LU
IIP-T3-06A-PTA	Interregional Improvement Program - SAFETEA-LU - 2006 STIP Augmentation - Public Transportation Account	IIP	STATE	SAFETEA-LU
IIP-T3-06A-ST	Interregional Improvement Program - SAFETEA-LU - 2006 Augmentation - State	IIP	STATE	SAFETEA-LU
IIP-T3-08-ST	Interregional Improvement Program - SAFETEA-LU - 2008 STIP - State	IIP	STATE	SAFETEA-LU
IIP-T4-12-FED	Interregional Improvement Program - SAFETEA-LU Extension - 2012 STIP - Federal	IIP	FEDERAL	SAFETEA-LU Extension

2015 TIP
Fund Code Description (cont.)

Fund Code	TIP Fund Code Description	Fund Source	Fund Type	Authorization
IIP-TE-T2-F/ST	Interregional Improvement Program - Transportation Enhancement - TEA21 - Federal/State	IIP-TE	FEDERAL/STATE	TEA21
IIP-TE-T4-10-F/ST	Interregional Improvement Program - Transportation Enhancement - SAFETEA-LU Extension - 2010 STIP - Federal/State	IIP-TE	FEDERAL/STATE	SAFETEA-LU Extension
IIP-TE-T4-12-FED	Interregional Improvement Program - Transportation Enhancement - SAFETEA-LU Extension - 2012 STIP - Federal	IIP-TE	FEDERAL	SAFETEA-LU Extension
IIP-T4-14-FED	Interregional Improvement Program - MAP-21 - 2014 STIP - Federal	IIP	FEDERAL	MAP-21
IIP-T4-14-ST	Interregional Improvement Program - MAP-21 - 2014 STIP - State	IIP	STATE	SAFETEA-LU Extension
LBSRA-T3	Local Bridge Seismic Retrofit Account	BR-SEISMIC	STATE	Prop 1B
LOCAL GAS	Local Gas Tax Funds	OTHER LOCAL	LOCAL	LOCAL
MTC-REG-EXCH	MTC - Regional - Funding Exchange	MTC	REGIONAL	REGIONAL
NFCB	National Fuel Cell Bus	NFCB	FEDERAL	SAFETEA-LU
NHS-GARVEE	National Highway System - Grant Anticipation Revenue Vehicle - Bond	NHS-GARVEE	FEDERAL	TEA21
OPFUNDS	Operating Funds	OTHER LOCAL	LOCAL	LOCAL
OTHER FED	Other Federal Funds	OTHER FEDERAL	FEDERAL	SAFETEA-LU
OTHER FED	Other Federal Funds	OTHER FEDERAL	FEDERAL	SAFETEA-LU Extension
OTHER FED	Other Federal Funds	OTHER FEDERAL	FEDERAL	MAP21
OTHER FEDERAL-ARRA-	Other Federal Funds - American Recovery and Reinvestment Act	OTHER FEDERAL	FEDERAL	ARRA
OTHER FEDERAL-ARRA-HSR	HSR - ARRA Federal Railroad Administration (FRA) Discretionary	OTHER FEDERAL	FEDERAL	ARRA
OTHER LOCAL	Other Local	OTHER LOCAL	LOCAL	LOCAL
OTHER STATE	Other State	OTHER STATE	STATE	STATE
P116	Proposition 116 (1990) - Clean Air and Transportation Improvement Act	P116	STATE	Prop 116
PPPPP-T3	Public Private Partnership Pilot Program - SAFETEA-LU	PPPPP	FEDERAL	SAFETEA-LU
PRIVATE	Private Contribution	PRIVATE	LOCAL	LOCAL
PRIVATE-DEV-FEE	Private Development Fees	PRIVATE	LOCAL	LOCAL
PRIVATE-JOINT-DEV	Private Joint Development Fees	PRIVATE	LOCAL	LOCAL
PRIVATE-P3	Public Private Partnership Pilot	PRIVATE	LOCAL	LOCAL
PROP-1A-HSR	Proposition 1A (2008) - California High Speed Rail	PROP	STATE	PROP 1A

2015 TIP
Fund Code Description (cont.)

Fund Code	TIP Fund Code Description	Fund Source	Fund Type	Authorization
PROP-1B-CMIA	Proposition 1B (2006) - Corridor Mobility Improvement Account	PROP	STATE	PROP 1B
PROP-1B-CTSGP	Proposition 1B (2006) - California Transit Security Grant Program	PROP	STATE	PROP 1B
PROP-1B-HRCSA	Proposition 1B (2006) - Highway-Railroad Crossing Safety Account	PROP	STATE	PROP 1B
PROP-1B-LBSRA	Proposition 1B (2006) - Local Bridge Seismic Retrofit Account	PROP	STATE	PROP 1B
PROP-1B-LSR	Proposition 1B (2006) - Local Streets and Roads	PROP	STATE	PROP 1B
PROP-1B-PTMISEA-POP	Proposition 1B (2006) - Public Transit Population Share	PROP	STATE	PROP 1B
PROP-1B-PTMISEA-REV	Proposition 1B (2006) - Public Transit Revenue Share	PROP	STATE	PROP 1B
PROP-1B-SHOPP	Proposition 1B (2006) - State Highway Operations and Protection Program	PROP	STATE	PROP 1B
PROP-1B-SLPP	Proposition 1B (2006) - State Local Partnership Program	PROP	STATE	PROP 1B
PROP-1B-TCIF	Proposition 1B (2006) - Trade Corridor Improvement Fund	PROP	STATE	PROP 1B
PROP-1B-TCIF-GARVEE	Proposition 1B (2006) - Trade Corridors Improvement Fund - GARVEE	PROP	STATE	PROP 1B
PROP-1B-TLSP	Proposition 1B (2006) - Traffic Light Synchronization Program	PROP	STATE	PROP 1B
PROPERTY TAX	Local Property Tax	PROPERTY TAX	LOCAL	LOCAL
RIP-T2-00-F/ST-ALA	Regional Improvement Program - TEA21 - 2000 STIP - Federal/State - Alameda County Share	RIP	FEDERAL/STATE	TEA21
RIP-T2-00-F/ST-SCL	Regional Improvement Program - TEA21 - 2000 STIP - Federal/State - Santa Clara County Share	RIP	FEDERAL/STATE	TEA21
RIP-T2-00-F/ST-SM	Regional Improvement Program - TEA21 - 2000 STIP - Federal/State - San Mateo County Share	RIP	FEDERAL/STATE	TEA21
RIP-T2-00-F/ST-SOL	Regional Improvement Program - TEA21 - 2000 STIP - Federal/State - Solano County Share	RIP	FEDERAL/STATE	TEA21
RIP-T2-00-F/ST-SON	Regional Improvement Program - TEA21 - 2000 STIP - Federal/State - Sonoma County Share	RIP	FEDERAL/STATE	TEA21
RIP-T2-00-ST	Regional Improvement Program - TEA21 - 2000 STIP - State Only	RIP	STATE	TEA21
RIP-T2-00-ST-SCL	Regional Improvement Program - TEA21 - 2000 STIP - State Only - Santa Clara County Share	RIP	STATE	TEA21
RIP-T2-00-ST-SF	Regional Improvement Program - TEA21 - 2000 STIP - State Only - San Francisco County Share	RIP	STATE	TEA21
RIP-T2-00-ST-SON	Regional Improvement Program - TEA21 - 2000 STIP - State Only - Sonoma County Share	RIP	STATE	TEA21

2015 TIP
Fund Code Description (cont.)

Fund Code	TIP Fund Code Description	Fund Source	Fund Type	Authorization
RIP-T2-02-AB3090-F/ST-ALA	Regional Improvement Program - TEA21 - 2002 STIP - AB3090 - Federal/State - Alameda County Share	RIP	FEDERAL/STATE	TEA21
RIP-T2-02-F/ST-ALA	Regional Improvement Program - TEA21 - 2002 STIP - Federal/State - Alameda County Share	RIP	FEDERAL/STATE	TEA21
RIP-T2-02-F/ST-NAP	Regional Improvement Program - TEA21 - 2002 STIP - Federal/State - Napa County Share	RIP	FEDERAL/STATE	TEA21
RIP-T2-02-F/ST-SCL	Regional Improvement Program - TEA21 - 2002 STIP - Federal/State - Santa Clara County Share	RIP	FEDERAL/STATE	TEA21
RIP-T2-02-F/ST-SF	Regional Improvement Program - TEA21 - 2002 STIP - Federal/State - San Francisco County Share	RIP	FEDERAL/STATE	TEA21
RIP-T2-02-F/ST-SM	Regional Improvement Program - TEA21 - 2002 STIP - Federal/State - San Mateo County Share	RIP	FEDERAL/STATE	TEA21
RIP-T2-02-F/ST-SOL	Regional Improvement Program - TEA21 - 2002 STIP - Federal/State - Solano County Share	RIP	FEDERAL/STATE	TEA21
RIP-T2-02-F/ST-SON	Regional Improvement Program - TEA21 - 2002 STIP - Federal/State - Sonoma County Share	RIP	FEDERAL/STATE	TEA21
RIP-T2-02-GARVEE-DS-NHS-	Regional Improvement Program - TEA21 - 2002 STIP - GARVEE - Debt Service - National Highway System	RIP	STATE	TEA21
RIP-T2-02-ST-ALA	Regional Improvement Program - TEA21 - 2002 STIP - State Only - Alameda County Share	RIP	STATE	TEA21
RIP-T2-02-ST-CC	Regional Improvement Program - TEA21 - 2002 STIP - State Only - Contra Costa County Share	RIP	STATE	TEA21
RIP-T2-02-ST-NAP	Regional Improvement Program - TEA21 - 2002 STIP - State Only - Napa County Share	RIP	STATE	TEA21
RIP-T2-02-ST-SCL	Regional Improvement Program - TEA21 - 2002 STIP - State Only - Santa Clara County Share	RIP	STATE	TEA21
RIP-T2-02-ST-SOL	Regional Improvement Program - TEA21 - 2002 STIP - State Only - Solano County Share	RIP	STATE	TEA21
RIP-T2-ALA	Regional Improvement Program - TEA21 - Alameda County Share	RIP	STATE	TEA21
RIP-T2-FY98-F/ST-ALA	Regional Improvement Program - TEA21 - 1998 STIP - Federal/State - Alameda County Share	RIP	FEDERAL/STATE	TEA21
RIP-T2-FY98-F/ST-MRN	Regional Improvement Program - TEA21 - 1998 STIP - Federal/State - Marin County Share	RIP	FEDERAL/STATE	TEA21
RIP-T2-FY98-F/ST-SCL	Regional Improvement Program - TEA21 - 1998 STIP - Federal/State - Santa Clara County Share	RIP	FEDERAL/STATE	TEA21

2015 TIP
Fund Code Description (cont.)

Fund Code	TIP Fund Code Description	Fund Source	Fund Type	Authorization
RIP-T2-FY98-F/ST-SON	Regional Improvement Program - TEA21 - 1998 STIP - Federal/State - Sonoma County Share	RIP	FEDERAL/S TATE	TEA21
RIP-T2-FY98-FED-SF	Regional Improvement Program - TEA21 - 1998 STIP - Federal - San Francisco County Share	RIP	FEDERAL	TEA21
RIP-T2-FY98-SOL	Regional Improvement Program - TEA21 - 1998 STIP - Solano County Share	RIP	STATE	TEA21
RIP-T2-FY98-ST-ALA	Regional Improvement Program - TEA21 - 1998 STIP - State - Alameda County Share	RIP	STATE	TEA21
RIP-T2-FY98-ST-SF	Regional Improvement Program - TEA21 - 1998 STIP - State - San Francisco County Share	RIP	STATE	TEA21
RIP-T3-02-AB3090-ST-REG	Regional Improvement Program - SAFETEA-LU - 2002 STIP - AB 3090 - State - Regional Share	RIP	STATE	SAFETEA-LU
RIP-T3-06A-PTA-ALA	Regional Improvement Program - SAFETEA-LU - 2006 STIP Augmentation - PTA - Alameda County Share	RIP	STATE	SAFETEA-LU
RIP-T3-06A-PTA-CC	Regional Improvement Program - SAFETEA-LU - 2006 STIP Augmentation - PTA - Contra Costa County Share	RIP	STATE	SAFETEA-LU
RIP-T3-06A-PTA-SCL	Regional Improvement Program - SAFETEA-LU - 2006 STIP Augmentation - PTA - Santa Clara County Share	RIP	STATE	SAFETEA-LU
RIP-T3-06A-PTA-SF	Regional Improvement Program - SAFETEA-LU - 2006 STIP Augmentation - PTA - San Francisco County Share	RIP	STATE	SAFETEA-LU
RIP-T3-06A-PTA-SM	Regional Improvement Program - SAFETEA-LU - 2006 STIP Augmentation - PTA - San Mateo County Share	RIP	STATE	SAFETEA-LU
RIP-T3-06A-PTA-SOL	Regional Improvement Program - SAFETEA-LU - 2006 STIP Augmentation - PTA - Solano County Share	RIP	STATE	SAFETEA-LU
RIP-T3-06A-ST-ALA	Regional Improvement Program - SAFETEA-LU - 2006 STIP Augmentation - State - Alameda County Share	RIP	STATE	SAFETEA-LU
RIP-T3-06A-ST-CC	Regional Improvement Program - SAFETEA-LU - 2006 STIP Augmentation - State - Contra Costa County Share	RIP	STATE	SAFETEA-LU
RIP-T3-06A-ST-MRN	Regional Improvement Program - SAFETEA-LU - 2006 STIP Augmentation - State - Marin County Share	RIP	STATE	SAFETEA-LU
RIP-T3-06A-ST-NAP	Regional Improvement Program - SAFETEA-LU - 2006 STIP Augmentation - State - Napa County Share	RIP	STATE	SAFETEA-LU
RIP-T3-06A-ST-SCL	Regional Improvement Program - SAFETEA-LU - 2006 STIP Augmentation - State - Santa Clara County Share	RIP	STATE	SAFETEA-LU
RIP-T3-06A-ST-SF	Regional Improvement Program - SAFETEA-LU - 2006 STIP Augmentation - State - San Francisco County Share	RIP	STATE	SAFETEA-LU

2015 TIP
Fund Code Description (cont.)

Fund Code	TIP Fund Code Description	Fund Source	Fund Type	Authorization
RIP-T3-06A-ST-SM	Regional Improvement Program - SAFETEA-LU - 2006 STIP Augmentation - State - San Mateo County Share	RIP	STATE	SAFETEA-LU
RIP-T3-06A-ST-SOL	Regional Improvement Program - SAFETEA-LU - 2006 STIP Augmentation - State - Solano County Share	RIP	STATE	SAFETEA-LU
RIP-T3-06A-ST-SON	Regional Improvement Program - SAFETEA-LU - 2006 STIP Augmentation - State - Sonoma County Share	RIP	STATE	SAFETEA-LU
RIP-T3-06-F/ST-SF	Regional Improvement Program - SAFETEA-LU - 2006 STIP - Federal/State - San Francisco County Share	RIP	FEDERAL/STATE	SAFETEA-LU
RIP-T3-06-F/ST-SM	Regional Improvement Program - SAFETEA-LU - 2006 STIP - Federal/State - San Mateo County Share	RIP	FEDERAL/STATE	SAFETEA-LU
RIP-T3-06-F/ST-SOL	Regional Improvement Program - SAFETEA-LU - 2006 STIP - Federal/State - Solano County Share	RIP	FEDERAL/STATE	SAFETEA-LU
RIP-T3-06-F/ST-SON	Regional Improvement Program - SAFETEA-LU - 2006 STIP - Federal/State - Sonoma County Share	RIP	FEDERAL/STATE	SAFETEA-LU
RIP-T3-06-PTA-MRN	Regional Improvement Program - SAFETEA-LU - 2006 STIP - PTA - Marin County Share	RIP	STATE	SAFETEA-LU
RIP-T3-06-PTA-SF	Regional Improvement Program - SAFETEA-LU - 2006 STIP - PTA - San Francisco County Share	RIP	STATE	SAFETEA-LU
RIP-T3-06-PTA-SM	Regional Improvement Program - SAFETEA-LU - 2006 STIP - PTA - San Mateo County Share	RIP	STATE	SAFETEA-LU
RIP-T3-06-ST-ALA	Regional Improvement Program - SAFETEA-LU - 2006 STIP - State - Alameda County Share	RIP	STATE	SAFETEA-LU
RIP-T3-06-ST-CC	Regional Improvement Program - SAFETEA-LU - 2006 STIP - State - Contra Costa County Share	RIP	STATE	SAFETEA-LU
RIP-T3-06-ST-MRN	Regional Improvement Program - SAFETEA-LU - 2006 STIP - State - Marin County Share	RIP	STATE	SAFETEA-LU
RIP-T3-06-ST-NAP	Regional Improvement Program - SAFETEA-LU - 2006 STIP - State - Napa County Share	RIP	STATE	SAFETEA-LU
RIP-T3-06-ST-SCL	Regional Improvement Program - SAFETEA-LU - 2006 STIP - State - Santa Clara County Share	RIP	STATE	SAFETEA-LU
RIP-T3-06-ST-SF	Regional Improvement Program - SAFETEA-LU - 2006 STIP - State - San Francisco County Share	RIP	STATE	SAFETEA-LU
RIP-T3-06-ST-SM	Regional Improvement Program - SAFETEA-LU - 2006 STIP - State - San Mateo County Share	RIP	STATE	SAFETEA-LU

2015 TIP
Fund Code Description (cont.)

Fund Code	TIP Fund Code Description	Fund Source	Fund Type	Authorization
RIP-T3-06-ST-SOL	Regional Improvement Program - SAFETEA-LU - 2006 STIP - State - Solano County Share	RIP	STATE	SAFETEA-LU
RIP-T3-06-ST-SON	Regional Improvement Program - SAFETEA-LU - 2006 STIP - State - Sonoma County Share	RIP	STATE	SAFETEA-LU
RIP-T3-08-ALA-ST	Regional Improvement Program - SAFETEA-LU - 2008 STIP - Alameda County Share - State	RIP	STATE	SAFETEA-LU
RIP-T3-08-CC-ST	Regional Improvement Program - SAFETEA-LU - 2008 STIP - Contra Costa County Share - State	RIP	STATE	SAFETEA-LU
RIP-T3-08-MRN-ST	Regional Improvement Program - SAFETEA-LU - 2008 STIP - Marin County Share - State	RIP	STATE	SAFETEA-LU
RIP-T3-08-NAP-ST	Regional Improvement Program - SAFETEA-LU - 2008 STIP - Napa County Share - State	RIP	STATE	SAFETEA-LU
RIP-T3-08-NHS-ALA	Regional Improvement Program - SAFETEA-LU - 2008 STIP - National Highway System - Alameda County Share	RIP	STATE	SAFETEA-LU
RIP-T3-08-NHS-CC	Regional Improvement Program - SAFETEA-LU - 2008 STIP - National Highway System - Contra Costa County Share	RIP	STATE	SAFETEA-LU
RIP-T3-08-SCL-ST	Regional Improvement Program - SAFETEA-LU - 2008 STIP - Santa Clara County Share - State	RIP	STATE	SAFETEA-LU
RIP-T3-08-SF-ST	Regional Improvement Program - SAFETEA-LU - 2008 STIP - San Francisco County Share - State	RIP	STATE	SAFETEA-LU
RIP-T3-08-SM-ST	Regional Improvement Program - SAFETEA-LU - 2008 STIP - San Mateo County Share - State	RIP	STATE	SAFETEA-LU
RIP-T3-08-SOL-ST	Regional Improvement Program - SAFETEA-LU - 2008 STIP - Solano County Share - State	RIP	STATE	SAFETEA-LU
RIP-T3-08-SON-ST	Regional Improvement Program - SAFETEA-LU - 2008 STIP - Sonoma County Share - State	RIP	STATE	SAFETEA-LU
RIP-T4-10-FED-MRN	Regional Improvement Program - SAFETEA-LU Extension - 2010 RTIP - Marin Share - Federal Funds	RIP	FEDERAL	SAFETEA-LU Extension
RIP-T4-10-FED-SCL	Regional Improvement Program - SAFETEA-LU Extension - 2010 RTIP - Santa Clara Share - Federal Funds	RIP	FEDERAL	SAFETEA-LU Extension
RIP-T4-10-ST-ALA	Regional Improvement Program - SAFETEA-LU Extension - 2010 RTIP - Alameda Share - State Funds	RIP	STATE	SAFETEA-LU Extension
RIP-T4-10-ST-CC	Regional Improvement Program - SAFETEA-LU Extension - 2010 RTIP - Contra Costa Share - State Funds	RIP	STATE	SAFETEA-LU Extension

2015 TIP
Fund Code Description (cont.)

Fund Code	TIP Fund Code Description	Fund Source	Fund Type	Authorization
RIP-T4-10-ST-MRN	Regional Improvement Program - SAFETEA-LU Extension - 2010 RTIP - Marin Share - State Funds	RIP	STATE	SAFETEA-LU Extension
RIP-T4-10-ST-NAP	Regional Improvement Program - SAFETEA-LU Extension - 2010 RTIP - Napa Share - State Funds	RIP	STATE	SAFETEA-LU Extension
RIP-T4-10-ST-SCL	Regional Improvement Program - SAFETEA-LU Extension - 2010 RTIP - Santa Clara Share - State Funds	RIP	STATE	SAFETEA-LU Extension
RIP-T4-10-ST-SF	Regional Improvement Program - SAFETEA-LU Extension - 2010 RTIP - San Francisco Share - State Funds	RIP	STATE	SAFETEA-LU Extension
RIP-T4-10-ST-SM	Regional Improvement Program - SAFETEA-LU Extension - 2010 RTIP - San Mateo Share - State Funds	RIP	STATE	SAFETEA-LU Extension
RIP-T4-10-ST-SOL	Regional Improvement Program - SAFETEA-LU Extension - 2010 RTIP - Solano Share - State Funds	RIP	STATE	SAFETEA-LU Extension
RIP-T4-10-ST-SON	Regional Improvement Program - SAFETEA-LU Extension - 2010 RTIP - Sonoma Share - State Funds	RIP	STATE	SAFETEA-LU Extension
RIP-T4-12-FED-ALA	Regional Improvement Program - SAFETEA-LU Extension - 2012 RTIP - Alameda Share - Federal Funds	RIP	FEDERAL	SAFETEA-LU Extension
RIP-T4-12-FED-CC	Regional Improvement Program - SAFETEA-LU Extension - 2012 RTIP - Contra Costa Share - Federal Funds	RIP	FEDERAL	SAFETEA-LU Extension
RIP-T4-12-FED-NAP	Regional Improvement Program - SAFETEA-LU Extension - 2012 RTIP - Napa Share - Federal Funds	RIP	FEDERAL	SAFETEA-LU Extension
RIP-T4-12-FED-SF	Regional Improvement Program - SAFETEA-LU Extension - 2012 RTIP - San Francisco Share - Federal Funds	RIP	FEDERAL	SAFETEA-LU Extension
RIP-T4-12-FED-SM	Regional Improvement Program - SAFETEA-LU Extension - 2012 RTIP - San Mateo Share - Federal Funds	RIP	FEDERAL	SAFETEA-LU Extension
RIP-T4-12-FED-SOL	Regional Improvement Program - SAFETEA-LU Extension - 2012 RTIP - Solano Share - Federal Funds	RIP	FEDERAL	SAFETEA-LU Extension
RIP-T4-12-FED-SON	Regional Improvement Program - SAFETEA-LU Extension - 2012 RTIP - Sonoma Share - Federal Funds	RIP	FEDERAL	SAFETEA-LU Extension
RIP-T4-12-ST-ALA	Regional Improvement Program - SAFETEA-LU Extension - 2012 RTIP - Alameda Share - State Funds	RIP	STATE	SAFETEA-LU Extension
RIP-T4-12-ST-CC	Regional Improvement Program - SAFETEA-LU Extension - 2012 RTIP - Contra Costa Share - State Funds	RIP	STATE	SAFETEA-LU Extension
RIP-T4-12-ST-MRN	Regional Improvement Program - SAFETEA-LU Extension - 2012 RTIP - Marin Share - State Funds	RIP	STATE	SAFETEA-LU Extension

**2015 TIP
Fund Code Description (cont.)**

Fund Code	TIP Fund Code Description	Fund Source	Fund Type	Authorization
RIP-T4-12-ST-NAP	Regional Improvement Program - SAFETEA-LU Extension - 2012 RTIP - Napa Share - State Funds	RIP	STATE	SAFETEA-LU Extension
RIP-T4-12-ST-SCL	Regional Improvement Program - SAFETEA-LU Extension - 2012 RTIP - Santa Clara Share - State Funds	RIP	STATE	SAFETEA-LU Extension
RIP-T4-12-ST-SF	Regional Improvement Program - SAFETEA-LU Extension - 2012 RTIP - San Francisco Share - State Funds	RIP	STATE	SAFETEA-LU Extension
RIP-T4-12-ST-SM	Regional Improvement Program - SAFETEA-LU Extension - 2012 RTIP - San Mateo Share - State Funds	RIP	STATE	SAFETEA-LU Extension
RIP-T4-12-ST-SOL	Regional Improvement Program - SAFETEA-LU Extension - 2012 RTIP - Solano Share - State Funds	RIP	STATE	SAFETEA-LU Extension
RIP-T4-12-ST-SON	Regional Improvement Program - SAFETEA-LU Extension - 2012 RTIP - Sonoma Share - State Funds	RIP	STATE	SAFETEA-LU Extension
RIP-T4-14-FED-ALA	Regional Improvement Program - SAFETEA-LU Extension - 2014 RTIP - Alameda Share - Federal Funds	RIP	FEDERAL	MAP-21
RIP-T4-14-FED-CC	Regional Improvement Program - SAFETEA-LU Extension - 2014 RTIP - Contra Costa Share - Federal Funds	RIP	FEDERAL	MAP-21
RIP-T4-14-FED-MRN	Regional Improvement Program - SAFETEA-LU Extension - 2014 RTIP - Marin Share - Federal Funds	RIP	FEDERAL	MAP-21
RIP-T4-14-FED-NAP	Regional Improvement Program - SAFETEA-LU Extension - 2014 RTIP - Napa Share - Federal Funds	RIP	FEDERAL	MAP-21
RIP-T4-12-FED-SF	Regional Improvement Program - SAFETEA-LU Extension - 2014 RTIP - San Francisco Share - Federal Funds	RIP	FEDERAL	MAP-21
RIP-T4-12-FED-SM	Regional Improvement Program - SAFETEA-LU Extension - 2014 RTIP - San Mateo Share - Federal Funds	RIP	FEDERAL	MAP-21
RIP-T4-12-FED-SCL	Regional Improvement Program - SAFETEA-LU Extension - 2014 RTIP - Santa Clara Share - Federal Funds	RIP	FEDERAL	MAP-21
RIP-T4-12-FED-SOL	Regional Improvement Program - SAFETEA-LU Extension - 2012 RTIP - Solano Share - Federal Funds	RIP	FEDERAL	MAP-21
RIP-T4-12-FED-SON	Regional Improvement Program - SAFETEA-LU Extension - 2012 RTIP - Sonoma Share - Federal Funds	RIP	FEDERAL	MAP-21
RIP-T4-14-ST-ALA	Regional Improvement Program - SAFETEA-LU Extension - 2014 RTIP - Alameda Share - State Funds	RIP	STATE	MAP-21
RIP-T4-14-ST-CC	Regional Improvement Program - SAFETEA-LU Extension - 2014 RTIP - Contra Costa Share - State Funds	RIP	STATE	MAP-21

2015 TIP
Fund Code Description (cont.)

Fund Code	TIP Fund Code Description	Fund Source	Fund Type	Authorization
RIP-T4-14-ST-MRN	Regional Improvement Program - SAFETEA-LU Extension - 2014 RTIP - Marin Share - State Funds	RIP	STATE	MAP-21
RIP-T4-14-ST-NAP	Regional Improvement Program - SAFETEA-LU Extension - 2014 RTIP - Napa Share - State Funds	RIP	STATE	MAP-21
RIP-T4-12-ST-SF	Regional Improvement Program - SAFETEA-LU Extension - 2014 RTIP - San Francisco Share - State Funds	RIP	STATE	MAP-21
RIP-T4-12-ST-SM	Regional Improvement Program - SAFETEA-LU Extension - 2014 RTIP - San Mateo Share - State Funds	RIP	STATE	MAP-21
RIP-T4-12-ST-SCL	Regional Improvement Program - SAFETEA-LU Extension - 2014 RTIP - Santa Clara Share - State Funds	RIP	STATE	MAP-21
RIP-T4-12-ST-SOL	Regional Improvement Program - SAFETEA-LU Extension - 2012 RTIP - Solano Share - State Funds	RIP	STATE	MAP-21
RIP-T4-12-ST-SON	Regional Improvement Program - SAFETEA-LU Extension - 2012 RTIP - Sonoma Share - State Funds	RIP	STATE	MAP-21
RIP-TA-T4-2-OBAG-FED-SOL	Regional Improvement Program - MAP21 - 2012 RTIP - Solano Share - 100% Federal TA	RIP-TA	FEDERAL	MAP21
RIP-TE-T3-04-DIS-CO-F/ST-SF	Regional Improvement Program - Transportation Enhancements - SAFETEA-LU - 2004 STIP - County Discretionary - San Francisco County Share - Federal/State	RIP-TE	FEDERAL/S TATE	SAFETEA-LU
RIP-TE-T3-04-DIS-CO-F/ST-SOL	Regional Improvement Program - Transportation Enhancements - SAFETEA-LU - 2004 STIP - County Discretionary - Solano County Share - Federal/State	RIP-TE	FEDERAL/S TATE	SAFETEA-LU
RIP-TE-T3-06-DIS-CO-F/ST-ALA	Regional Improvement Program - Transportation Enhancements - SAFETEA-LU - 2006 STIP - County Discretionary - Alameda County Share - Federal/State	RIP-TE	FEDERAL/S TATE	SAFETEA-LU
RIP-TE-T3-06-DIS-CO-F/ST-CC	Regional Improvement Program - Transportation Enhancements - SAFETEA-LU - 2006 STIP - County Discretionary - Contra Costa County Share - Federal/State	RIP-TE	FEDERAL/S TATE	SAFETEA-LU
RIP-TE-T3-06-DIS-CO-F/ST-NAP	Regional Improvement Program - Transportation Enhancements - SAFETEA-LU - 2006 STIP - County Discretionary - Napa County Share - Federal/State	RIP-TE	FEDERAL/S TATE	SAFETEA-LU
RIP-TE-T3-06-DIS-CO-F/ST-SCL	Regional Improvement Program - Transportation Enhancements - SAFETEA-LU - 2006 STIP - County Discretionary - Santa Clara County Share - Federal/State	RIP-TE	FEDERAL/S TATE	SAFETEA-LU
RIP-TE-T3-06-DIS-CO-F/ST-SF	Regional Improvement Program - Transportation Enhancements - SAFETEA-LU - 2006 STIP - County Discretionary - San Francisco County Share - Federal/State	RIP-TE	FEDERAL/S TATE	SAFETEA-LU

2015 TIP
Fund Code Description (cont.)

Fund Code	TIP Fund Code Description	Fund Source	Fund Type	Authorization
RIP-TE-T3-06-DIS-CO-F/ST-SM	Regional Improvement Program - Transportation Enhancements - SAFETEA-LU - 2006 STIP - County Discretionary - San Mateo County Share - Federal/State	RIP-TE	FEDERAL/S TATE	SAFETEA-LU
RIP-TE-T3-06-DIS-CO-F/ST-SOL	Regional Improvement Program - Transportation Enhancements - SAFETEA-LU - 2006 STIP - County Discretionary - Solano County Share - Federal/State	RIP-TE	FEDERAL/S TATE	SAFETEA-LU
RIP-TE-T3-06-DIS-CO-F/ST-SON	Regional Improvement Program - Transportation Enhancements - SAFETEA-LU - 2006 STIP - County Discretionary - Sonoma County Share - Federal/State	RIP-TE	FEDERAL/S TATE	SAFETEA-LU
RIP-TE-T3-06-DIS-CO-FED-CC	Regional Improvement Program - Transportation Enhancements - SAFETEA-LU - 2006 STIP - County Discretionary - Contra Costa County Share - Federal Funds	RIP-TE	FEDERAL	SAFETEA-LU
RIP-TE-T3-06-TLC-CO-F/ST-ALA	Regional Improvement Program - Transportation Enhancements - SAFETEA-LU - 2006 STIP - County TLC - Alameda County Share - Federal/State Funds	RIP-TE	FEDERAL/S TATE	SAFETEA-LU
RIP-TE-T3-06-TLC-CO-F/ST-CC	Regional Improvement Program - Transportation Enhancements - SAFETEA-LU - 2006 STIP - County TLC - Contra Costa County Share - Federal/State Funds	RIP-TE	FEDERAL/S TATE	SAFETEA-LU
RIP-TE-T3-06-TLC-CO-FED-CC	Regional Improvement Program - Transportation Enhancements - SAFETEA-LU - 2006 STIP - County TLC - Contra Costa County Share - Federal Funds	RIP-TE	FEDERAL	SAFETEA-LU
RIP-TE-T3-08-NAP-CO-F/ST	Regional Improvement Program - Transportation Enhancements - SAFETEA-LU - 2008 STIP - Napa County Share - Federal/State	RIP-TE	FEDERAL/S TATE	SAFETEA-LU
RIP-TE-T3-08-SM-CO-F/ST	Regional Improvement Program - Transportation Enhancements - SAFETEA-LU - 2008 STIP - San Mateo County Share - Federal/State	RIP-TE	FEDERAL/S TATE	SAFETEA-LU
RIP-TE-T3-08-SOL-CO-F/ST	Regional Improvement Program - Transportation Enhancements - SAFETEA-LU - 2008 STIP - Solano County Share - Federal/State	RIP-TE	FEDERAL/S TATE	SAFETEA-LU
RIP-TE-T4-10-F/ST-ALA	Regional Improvement Program - Transportation Enhancements - SAFETEA-LU Extension - 2010 RTIP - Alameda Share - Federal TE and State Matching Funds	RIP-TE	FEDERAL/S TATE	SAFETEA-LU Extension
RIP-TE-T4-10-F/ST-CC	Regional Improvement Program - Transportation Enhancements - SAFETEA-LU Extension - 2010 RTIP - Contra Costa Share - Federal TE and State Matching Funds	RIP-TE	FEDERAL/S TATE	SAFETEA-LU Extension
RIP-TE-T4-10-F/ST-MRN	Regional Improvement Program - Transportation Enhancements - SAFETEA-LU Extension - 2010 RTIP - Marin Share - Federal TE and State Matching Funds	RIP-TE	FEDERAL/S TATE	SAFETEA-LU Extension

**2015 TIP
Fund Code Description (cont.)**

Fund Code	TIP Fund Code Description	Fund Source	Fund Type	Authorization
RIP-TE-T4-10-F/ST-NAP	Regional Improvement Program - Transportation Enhancements - SAFETEA-LU Extension - 2010 RTIP - Napa Share - Federal TE and State Matching Funds	RIP-TE	FEDERAL/S TATE	SAFETEA-LU Extension
RIP-TE-T4-10-F/ST-SCL	Regional Improvement Program - Transportation Enhancements - SAFETEA-LU Extension - 2010 RTIP - Santa Clara Share - Federal TE and State Matching Funds	RIP-TE	FEDERAL/S TATE	SAFETEA-LU Extension
RIP-TE-T4-10-F/ST-SF	Regional Improvement Program - Transportation Enhancements - SAFETEA-LU Extension - 2010 RTIP - San Francisco Share - Federal TE and State Matching Funds	RIP-TE	FEDERAL/S TATE	SAFETEA-LU Extension
RIP-TE-T4-10-F/ST-SOL	Regional Improvement Program - Transportation Enhancements - SAFETEA-LU Extension - 2010 RTIP - Solano Share - Federal TE and State Matching Funds	RIP-TE	FEDERAL/S TATE	SAFETEA-LU Extension
RIP-TE-T4-10-F/ST-SON	Regional Improvement Program - Transportation Enhancements - SAFETEA-LU Extension - 2010 RTIP - Sonoma Share - Federal TE and State Matching Funds	RIP-TE	FEDERAL/S TATE	SAFETEA-LU Extension
RIP-TE-T4-10-FED-ALA	Regional Improvement Program - Transportation Enhancements - SAFETEA-LU Extension - 2010 RTIP - Alameda Share - Federal TE	RIP-TE	FEDERAL	SAFETEA-LU Extension
RIP-TE-T4-10-FED-CC	Regional Improvement Program - Transportation Enhancements - SAFETEA-LU Extension - 2010 RTIP - Contra Costa Share - Federal TE	RIP-TE	FEDERAL	SAFETEA-LU Extension
RIP-TE-T4-10-FED-NAP	Regional Improvement Program - Transportation Enhancements - SAFETEA-LU Extension - 2010 RTIP - Napa Share - Federal TE	RIP-TE	FEDERAL	SAFETEA-LU Extension
RIP-TE-T4-10-FED-SCL	Regional Improvement Program - Transportation Enhancements - SAFETEA-LU Extension - 2010 RTIP - Santa Clara Share - Federal TE	RIP-TE	FEDERAL	SAFETEA-LU Extension
RIP-TE-T4-10-FED-SF	Regional Improvement Program - Transportation Enhancements - SAFETEA-LU Extension - 2010 RTIP - San Francisco Share - Federal TE	RIP-TE	FEDERAL	SAFETEA-LU Extension
RIP-TE-T4-10-FED-SM	Regional Improvement Program - Transportation Enhancements - SAFETEA-LU Extension - 2010 RTIP - San Mateo Share - Federal TE	RIP-TE	FEDERAL	SAFETEA-LU Extension
RIP-TE-T4-10-FED-SOL	Regional Improvement Program - Transportation Enhancements - SAFETEA-LU Extension - 2010 RTIP - Solano Share - Federal TE	RIP-TE	FEDERAL	SAFETEA-LU Extension

2015 TIP
Fund Code Description (cont.)

Fund Code	TIP Fund Code Description	Fund Source	Fund Type	Authorization
RIP-TE-T4-10-FED-SON	Regional Improvement Program - Transportation Enhancements - SAFETEA-LU Extension - 2010 RTIP - Sonoma Share - Federal TE	RIP-TE	FEDERAL	SAFETEA-LU Extension
RIP-TE-T4-12-FED-ALA	Regional Improvement Program - Transportation Enhancements - SAFETEA-LU Extension - 2012 RTIP - Alameda Share - Federal TE	RIP-TE	FEDERAL	SAFETEA-LU Extension
RIP-TE-T4-12-FED-CC	Regional Improvement Program - Transportation Enhancements - SAFETEA-LU Extension - 2012 RTIP - Contra Costa Share - Federal TE	RIP-TE	FEDERAL	SAFETEA-LU Extension
RIP-TE-T4-12-FED-MRN	Regional Improvement Program - Transportation Enhancements - SAFETEA-LU Extension - 2012 RTIP - Marin Share - Federal TE	RIP-TE	FEDERAL	SAFETEA-LU Extension
RIP-TE-T4-12-FED-NAP	Regional Improvement Program - Transportation Enhancements - SAFETEA-LU Extension - 2012 RTIP - Napa Share - Federal TE	RIP-TE	FEDERAL	SAFETEA-LU Extension
RIP-TE-T4-12-FED-SCL	Regional Improvement Program - Transportation Enhancements - SAFETEA-LU Extension - 2012 RTIP - Santa Clara Share - Federal TE	RIP-TE	FEDERAL	SAFETEA-LU Extension
RIP-TE-T4-12-FED-SF	Regional Improvement Program - Transportation Enhancements - SAFETEA-LU Extension - 2012 RTIP - San Francisco Share - Federal TE	RIP-TE	FEDERAL	SAFETEA-LU Extension
RIP-TE-T4-12-FED-SM	Regional Improvement Program - Transportation Enhancements - SAFETEA-LU Extension - 2012 RTIP - San Mateo Share - Federal TE	RIP-TE	FEDERAL	SAFETEA-LU Extension
RIP-TE-T4-12-FED-SOL	Regional Improvement Program - Transportation Enhancements - SAFETEA-LU Extension - 2012 RTIP - Solano Share - Federal TE	RIP-TE	FEDERAL	SAFETEA-LU Extension
RIP-TE-T4-12-FED-SON	Regional Improvement Program - Transportation Enhancements - SAFETEA-LU Extension - 2012 RTIP - Sonoma Share - Federal TE	RIP-TE	FEDERAL	SAFETEA-LU Extension
RTP-LRP	Regional Transportation Plan - Long Range Plan (funding identified in Long Range Plan, but not committed in TIP)	RTP-LRP	Uncommitted	Uncommitted
SALESTAX-MEASURE-ALA	Sales Tax Measure - Alameda County	SALESTAX-MEASURE	LOCAL	LOCAL
SALESTAX-MEASURE-CC	Sales Tax Measure - Contra Costa County	SALESTAX-MEASURE	LOCAL	LOCAL
SALESTAX-MEASURE-J-CC	Sales Tax Measure - Measure J - Contra Costa County	SALESTAX-MEASURE	LOCAL	LOCAL
SALESTAX-MEASURE-MRN	Sales Tax Measure - Marin County	SALESTAX-MEASURE	LOCAL	LOCAL

2015 TIP
Fund Code Description (cont.)

Fund Code	TIP Fund Code Description	Fund Source	Fund Type	Authorization
SALESTAX-MEASURE-SCL	Sales Tax Measure - Santa Clara County	SALESTAX-MEASURE	LOCAL	LOCAL
SALESTAX-MEASURE-SF	Sales Tax Measure - San Francisco County	SALESTAX-MEASURE	LOCAL	LOCAL
SALESTAX-MEASURE-SM	Sales Tax Measure - San Mateo County	SALESTAX-MEASURE	LOCAL	LOCAL
SALESTAX-MEASURE-SMART	Sales Tax Measure - SMART	SALESTAX-MEASURE	LOCAL	LOCAL
SALESTAX-MEASURE-SON	Sales Tax Measure - Sonoma County	SALESTAX-MEASURE	LOCAL	LOCAL
SHA-T2	State Highway Account - TEA21	SHA	STATE	TEA21
SHA-T2-SHOPP	State Highway Account - TEA21 - State Highway Operations and protection Program	SHA	STATE	TEA21
SHA-T3-SHOPP-NHS	State Highway Account - SAFETEA-LU - State Highway Operations and Protection Program - National Highway System	SHA	STATE	SAFETEA-LU
SR2S	Safe Routes To School	SR2S	STATE	STATE
SRTS-T3-1	Safe Routes To School - SAFETEA-LU - Cycle 1	SRTS	FEDERAL	SAFETEA-LU
SRTS-T3-2	Safe Routes To School - SAFETEA-LU - Cycle 2	SRTS	FEDERAL	SAFETEA-LU
SRTS-T4-3	Safe Routes To School - SAFETEA-LU Extension - Cycle 3	SRTS	FEDERAL	SAFETEA-LU Extension
STA-POP-D	State Transit Assistance - Population Based - Discretionary	STA-POP	LOCAL	LOCAL
STA-POP-SO	State Transit Assistance - Population Based - South Counties	STA-POP	LOCAL	LOCAL
STA-REV	State Transit Assistance - Revenue Based	STA-REV	LOCAL	LOCAL
ST-CASH-T2	State Funds - TEA21	ST-CASH	STATE	TEA21
STP-ARRA-CC	Regional Surface Transportation Program - ARRA - Contra Costa County	STP	FEDERAL	ARRA
STP-ARRA-REG	Regional Surface Transportation Program - ARRA - Regional	STP	FEDERAL	ARRA
STP-ARRA-SCL	Regional Surface Transportation Program - ARRA - Santa Clara County	STP	FEDERAL	ARRA
STP-ARRA-SM	Regional Surface Transportation Program - ARRA - San Mateo County	STP	FEDERAL	ARRA
STP-ARRA-SOL	Regional Surface Transportation Program - ARRA - Solano County	STP	FEDERAL	ARRA
STP-T2-D	Regional Surface Transportation Program - TEA21 - Discretionary	STP	FEDERAL	TEA21
STP-T2-FY00-RAB	Regional Surface Transportation Program - TEA21 - FY 2000 - RABA	STP	FEDERAL	TEA21
STP-T2-FY00-RE	Regional Surface Transportation Program - TEA21 - FY 2000 - Rehabilitation	STP	FEDERAL	TEA21
STP-T2-FY01-TLC-HIP	Regional Surface Transportation Program - TEA21 - FY 2001 - Transportation for Livable Communities - Housing Incentive Program	STP	FEDERAL	TEA21
STP-T2-FY96-D	Regional Surface Transportation Program - TEA21 - FY 1996 - Discretionary	STP	FEDERAL	TEA21

**2015 TIP
Fund Code Description (cont.)**

Fund Code	TIP Fund Code Description	Fund Source	Fund Type	Authorization
STP-T2-FY96-G	Regional Surface Transportation Program - TEA21 - FY 1996 - Guaranteed	STP	FEDERAL	TEA21
STP-T2-FY99-CSCM	Regional Surface Transportation Program - TEA21 - FY 1999 - Customer Service/Corridor Management	STP	FEDERAL	TEA21
STP-T2-FY99-RE	Regional Surface Transportation Program - TEA21 - FY 1999 - Rehabilitation	STP	FEDERAL	TEA21
STP-T2-G	Regional Surface Transportation Program - TEA21 - Guaranteed	STP	FEDERAL	TEA21
STP-T3-1A-TCP-SF	Regional Surface Transportation Program - SAFETEA-LU - Cycle 1 Augmentation - Transit Capital Priorities - Rehabilitation Shortfall	STP	FEDERAL	SAFETEA-LU
STP-T3-1-RO	Regional Surface Transportation Program - SAFETEA-LU - Cycle 1 - Regional Operations	STP	FEDERAL	SAFETEA-LU
STP-T3-1-TCP-SF	Regional Surface Transportation Program - SAFETEA-LU - Cycle 1 - Transit Capital Priorities - Rehabilitation Shortfall	STP	FEDERAL	SAFETEA-LU
STP-T3-2-BF	Regional Surface Transportation Program - SAFETEA-LU - Cycle 2 - STIP Backfill	STP	FEDERAL	SAFETEA-LU
STP-T3-2-TCP-SF	Regional Surface Transportation Program - SAFETEA-LU - Cycle 2 - Transit Capital - Rehabilitation Shortfall	STP	FEDERAL	SAFETEA-LU
STP-T3-3-CMA-PL	Regional Surface Transportation Program - SAFETEA-LU - Cycle 3 - CMA Planning Activities	STP	FEDERAL	SAFETEA-LU
STP-T3-3-LSR-SF	Regional Surface Transportation Program - SAFETEA-LU - Cycle 3 - Local Streets and Roads - Rehabilitation Shortfall	STP	FEDERAL	SAFETEA-LU
STP-T3-3-TCP-SF	Regional Surface Transportation Program - SAFETEA-LU - Cycle 3 - Transit Capital Priorities - Rehabilitation Shortfall	STP	FEDERAL	SAFETEA-LU
STP-T3-3-TLC-HIP	Regional Surface Transportation Program - SAFETEA-LU - Cycle 3 - Transportation for Livable Communities - Housing Incentive Program	STP	FEDERAL	SAFETEA-LU
STP-T4-1-FPI	Regional Surface Transportation Program - SAFETEA-LU Extension - Cycle 1 - Freeway Performance Initiative	STP	FEDERAL	SAFETEA-LU Extension
STP-T4-1-LIFE	Regional Surface Transportation Program - MAP21 - Cycle 1 - Lifeline Transportation Program	STP	FEDERAL	MAP21
STP-T4-1-LSR-CO	Regional Surface Transportation Program - SAFETEA-LU Extension - Cycle 1 - Local Streets & Roads Rehabilitation - County Program	STP	FEDERAL	SAFETEA-LU Extension
STP-T4-1-LSR-CO-PL-CMA	Regional Surface Transportation Program - SAFETEA-LU Extension - Cycle 1 - Local Streets & Roads - County CMA Planning Activities	STP	FEDERAL	SAFETEA-LU Extension

2015 TIP
Fund Code Description (cont.)

Fund Code	TIP Fund Code Description	Fund Source	Fund Type	Authorization
STP-T4-1-LSR-FAS	Regional Surface Transportation Program - SAFETEA-LU Extension - Cycle 1 - Local Streets & Roads - Federal Aid Secondary	STP	FEDERAL	SAFETEA-LU Extension
STP-T4-1-LSR-FAS	Regional Surface Transportation Program - MAP21 - Cycle 1 - Local Streets & Roads - Federal Aid Secondary	STP	FEDERAL	MAP21
STP-T4-1-LSR-PMP	Regional Surface Transportation Program - SAFETEA-LU Extension - Cycle 1 - Local Streets & Roads - Pavement Management Program	STP	FEDERAL	SAFETEA-LU Extension
STP-T4-1-PL-REG	Regional Surface Transportation Program - SAFETEA-LU Extension - Cycle 1 - Regional Planning Activities - County Program	STP	FEDERAL	SAFETEA-LU Extension
STP-T4-1-RBP-CO	Regional Surface Transportation Program - SAFETEA-LU Extension - Cycle 1 - Regional Bicycle Program - County Program	STP	FEDERAL	SAFETEA-LU Extension
STP-T4-1-RBP-CO	Regional Surface Transportation Program - MAP21 - Cycle 1 - Regional Bicycle Program - County Program	STP	FEDERAL	MAP21
STP-T4-1-RBP-CO-PL-CMA	Regional Surface Transportation Program - SAFETEA-LU Extension - Cycle 1 - Regional Bicycle Program - County CMA Planning Activities	STP	FEDERAL	SAFETEA-LU Extension
STP-T4-1-RO	Regional Surface Transportation Program - SAFETEA-LU Extension - Cycle 1 - Regional Operations	STP	FEDERAL	SAFETEA-LU Extension
STP-T4-1-RSI	Regional Surface Transportation Program - SAFETEA-LU Extension - Cycle 1 - Regional Strategic Investments	STP	FEDERAL	SAFETEA-LU Extension
STP-T4-1-RSI	Regional Surface Transportation Program - MAP21 - Cycle 1 - Regional Strategic Investments	STP	FEDERAL	MAP21
STP-T4-1-RSRTS-CO	Regional Surface Transportation Program - SAFETEA-LU Extension - Cycle 1 - Regional Safe Routes to School - County Program	STP	FEDERAL	SAFETEA-LU Extension
STP-T4-1-TLC-CO	Regional Surface Transportation Program - SAFETEA-LU Extension - Cycle 1 - Transportation for Livable Communities - County Program	STP	FEDERAL	SAFETEA-LU Extension
STP-T4-1-TLC-CO-PL-CMA	Regional Surface Transportation Program - SAFETEA-LU Extension - Cycle 1 - Transportation for Livable Communities - County CMA Planning Activities	STP	FEDERAL	SAFETEA-LU Extension
STP-T4-1-TLC-REG	Regional Surface Transportation Program - SAFETEA-LU Extension - Cycle 1 - Transportation for Livable Communities - Regional Program	STP	FEDERAL	SAFETEA-LU Extension
STP-T4-1-TLC-REG	Regional Surface Transportation Program - MAP21 - Cycle 1 - Transportation for Livable Communities - Regional Program	STP	FEDERAL	MAP21

2015 TIP
Fund Code Description (cont.)

Fund Code	TIP Fund Code Description	Fund Source	Fund Type	Authorization
STP-T4-1-TLC-SAP	Regional Surface Transportation Program - SAFETEA-LU Extension - Cycle 1 - Transportation for Livable Communities - Station Area Planning	STP	FEDERAL	SAFETEA-LU Extension
STP-T4-2-FPI-REG	Regional Surface Transportation Program - SAFETEA-LU Extension - Cycle 2 - Freeway Performance Initiative - Regional	STP	FEDERAL	SAFETEA-LU Extension
STP-T4-2-FPI-REG	Regional Surface Transportation Program - MAP21 - Cycle 2 - Freeway Performance Initiative - Regional	STP	FEDERAL	MAP21
STP-T4-2-OBAG	Regional Surface Transportation Program - MAP21 - Cycle 2 - One Bay Area Grant Program	STP	FEDERAL	MAP21
STP-T4-2-OBAG-PL	Regional Surface Transportation Program - SAFETEA-LU Extension - Cycle 2 - One Bay Area Grant Program - CMA Planning Activities Augmentation	STP	FEDERAL	SAFETEA-LU Extension
STP-T4-2-OBAG-PL	Regional Surface Transportation Program - MAP21 - Cycle 2 - One Bay Area Grant Program - CMA Planning Activities Augmentation	STP	FEDERAL	MAP21
STP-T4-2-PCA-REG	Regional Surface Transportation Program - MAP21 - Cycle 2 - Local Priority Conservation Area	STP	FEDERAL	MAP21
STP-T4-2-PDA-CO	Regional Surface Transportation Program - MAP21 - Cycle 2 - Local PDA Planning and Implementation	STP	FEDERAL	MAP21
STP-T4-2-PDA-REG	Regional Surface Transportation Program - MAP21 - Cycle 2 - Regional PDA Planning and Implementation	STP	FEDERAL	MAP21
STP-T4-2-PL-REG	Regional Surface Transportation Program - SAFETEA-LU Extension - Cycle 2 - Regional Planning Activities	STP	FEDERAL	SAFETEA-LU Extension
STP-T4-2-PMP-REG	Regional Surface Transportation Program - SAFETEA-LU Extension - Cycle 2 - Pavement Management Program	STP	FEDERAL	SAFETEA-LU Extension
STP-T4-2-RO-REG	Regional Surface Transportation Program - SAFETEA-LU Extension - Cycle 2 - Regional Operations	STP	FEDERAL	SAFETEA-LU Extension
STP-T4-2-RO-REG	Regional Surface Transportation Program - MAP21 - Cycle 2 - Regional Operations	STP	FEDERAL	MAP21
STP-T4-2-RSRTS-REG	Regional Surface Transportation Program - MAP21 - Cycle 2 - Regional Safe Routes to School - Regional Program	STP	FEDERAL	MAP21
STP-T4-2-TCP-REG	Regional Surface Transportation Program - MAP21 - Cycle 2 - Regional Safe Routes to School - Transit Capital Rehabilitation - Regional Program	STP	FEDERAL	MAP21
STP-T4-2-TCP-TPI-REG	Regional Surface Transportation Program - MAP21 - Cycle 2 - Regional Safe Routes to School - Transit Capital Rehabilitation - Transit Performance Initiative - Regional Program	STP	FEDERAL	MAP21

2015 TIP
Fund Code Description (cont.)

Fund Code	TIP Fund Code Description	Fund Source	Fund Type	Authorization
ST-STP-ARRA-CC	State Surface Transportation Program - ARRA - Contra Costa County	ST-STP	FEDERAL	ARRA
ST-STP-ARRA-REG	State Surface Transportation Program - ARRA - Regional	ST-STP	FEDERAL	ARRA
ST-STP-ARRA-SHOPP	State Surface Transportation Program - ARRA -SHOPP	ST-STP	FEDERAL	ARRA
ST-STP-ARRA-SOL	State Surface Transportation Program - ARRA - Solano County	ST-STP	FEDERAL	ARRA
ST-STP-ARRA-ST	State Surface Transportation Program - ARRA - State	ST-STP	FEDERAL	ARRA
ST-STP-T3-RL	State Surface Transportation Program - SAFETEA-LU - Railroad Local	ST-STP	FEDERAL	SAFETEA-LU
ST-STP-T3-SAFETY	State Surface Transportation Program - SAFETEA-LU - Safety	ST-STP	FEDERAL	SAFETEA-LU
ST-STP-T4	State Surface Transportation Program - MAP21	ST-STP	FEDERAL	MAP21
ST-TEA-ARRA-ST	State Transportation Enhancements - ARRA - State	ST-TEA	FEDERAL	ARRA
ST-TEA-T2-ENH	State Transportation Enhancements - TEA21 - Enhancements	ST-TEA	FEDERAL	TEA21
TCI	Transit Capital Improvement	TCI	STATE	STATE
TCRP	Traffic Congestion Relief Program (1999)	TCRP	STATE	STATE
TCRP-LONP	Traffic Congestion Relief Program - Letter of No Prejudice	TCRP	LOCAL	LOCAL
TCSP	Transportation and Community and System Preservation Pilot Program	TCSP	FEDERAL	TEA21
TCSP-T3-UPP	Transportation and Community and System Preservation Pilot Program - SAFETEA-LU - UPP	TCSP	FEDERAL	SAFETEA-LU
TDA3	Transportation Development Act - Article 3	TDA	STATE	STATE
TDA4	Transportation Development Act - Article 4	TDA	STATE	STATE
TDA4.5	Transportation Development Act - Article 4.5	TDA	STATE	STATE
TDA4/8	Transportation Development Act - Articles 4 and 8	TDA	STATE	STATE
TEA-ARRA-REG	Regional Transportation Enhancements - ARRA	TEA	FEDERAL	ARRA
TEA-T2-FY99-TLC-NS	Transportation Enhancement Activities - TEA21 - FY 1999 - Transportation for Livable Communities - Non-STIP	TEA	FEDERAL	TEA21
TEA-T2-LOC	Transportation Enhancement Activities - TEA21 - Local	TEA	FEDERAL	TEA21
TFCA-AB	Transportation Fund for Clean Air - Air Board	TFCA	REGIONAL	REGIONAL
TFCA-PM	Transportation Fund for Clean Air - Program Manager	TFCA	REGIONAL	REGIONAL
TIFIA-DS-SF	Transportation Infrastructure Finance and Innovation Act of 1998 - Debt Service - San Francisco County	TIFIA-DS	LOCAL	LOCAL
TIFIA-T3-SF	Transportation Infrastructure Finance and Innovation Act of 1998 - SAFETEA-LU - San Francisco County	TIFIA	FEDERAL	SAFETEA-LU

2015 TIP
Fund Code Description (cont.)

Fund Code	TIP Fund Code Description	Fund Source	Fund Type	Authorization
TIGER-ARRA	Transportation Investment Generating Economic Recovery - ARRA - Federal DOT Discretionary	TIGER	FEDERAL	ARRA
TIGERII-T4-10-FED-DISC	Transportation Investment Generating Economic Recovery II - SAFETEA-LU Extension - 2010 - Federal Discretionary	TIGERII	FEDERAL	SAFETEA-LU Extension
TIGGER2-T4-10-FED-DISC	Transit Investments for Greenhouse Gas and Energy Reduction 2 - SAFETEA-LU Extension - 2010 - Federal Discretionary	TIGGER2	FEDERAL	SAFETEA-LU Extension
TIGGER-ARRA	Transit Investments for Greenhouse Gas and Energy Reduction - ARRA - FTA Discretionary	TIGGER	FEDERAL	ARRA
TOLLS-EXPRESS-REG	Regional Express Lane Toll funds	TOLLS	REGIONAL	REGIONAL
TSGP-T3	Transit Security Grant Program - SAFETEA-LU	TSGP	FEDERAL	SAFETEA-LU
TSM	Traffic System Management	TSM	STATE	STATE
USC 206 - REC TRAILS	Recreational Trails Program	OTHER FEDERAL	FEDERAL	SAFETEA-LU Extension
USC 206 - REC TRAILS	Recreational Trails Program	OTHER FEDERAL	FEDERAL	MAP21
VPPP	Value Pricing Pilot Program	VPPP	FEDERAL	TEA21
VPPP-T3	Value Pricing Pilot Program - SAFETEA-LU	VPPP	FEDERAL	SAFETEA-LU
VPPP-T3-UPP	Value Pricing Pilot Program - SAFETEA-LU - Urban Partnership Program	VPPP	FEDERAL	SAFETEA-LU

APPENDIX A – 46

2015 TIP Detail

Financial Plan

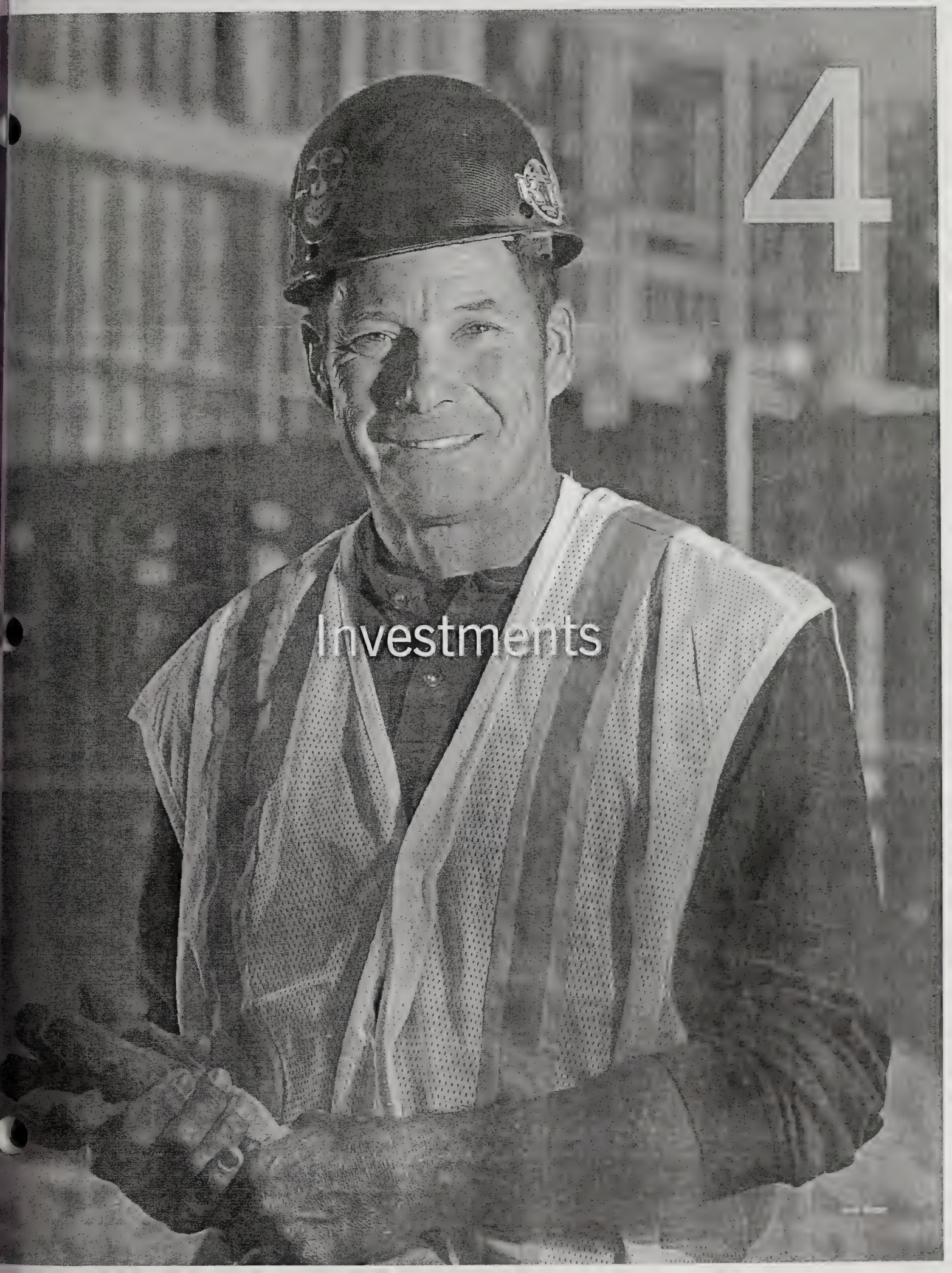
Plan Bay Area Chapter 4: Investments

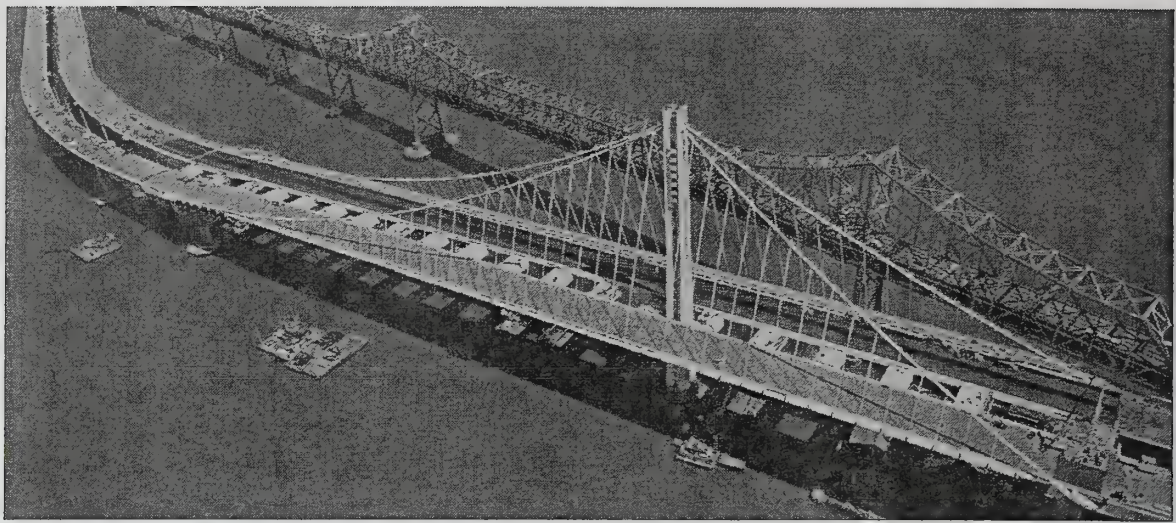
Plus Supplementary Reports

- Final Financial Assumptions, July 2013
- Final Local Street and Road Needs and Revenue Assessment, July 2013
- Final Transit Operating and Capital Needs and Revenue Assessment, July 2013

4

Investments





San Francisco-Oakland Bay Bridge, East Span

Barrie Rokeach ©2013

Chapter 4

Investments

In crafting an investment program for Plan Bay Area, MTC and ABAG had to grapple with a number of important, but often competing, questions.

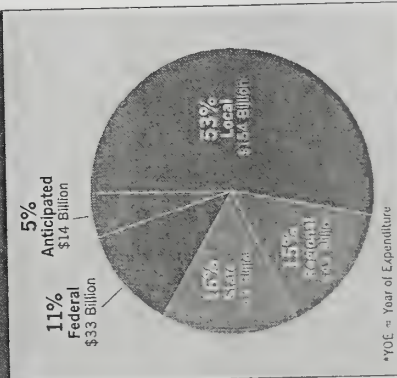
How to best support the expected growth in jobs and housing over the next quarter-century?
How much do we invest to maintain, expand and improve the efficiency of our regional transportation system, when the needs exceed available revenue? How should we weigh specific project performance characteristics in assembling a package of investments to address the plan's economic, environmental and equity goals?

Plan Bay Area structures an investment plan in a systematic way to support the region's long-term land use strategy, relying on a performance assessment of scenarios and individual projects. The plan makes investments in the region's transportation network that support job growth and new homes in existing communities by focusing the lion's share of investment on maintaining and boosting the efficiency of the existing transit and road system. Plan Bay Area also takes a bold step with strategic investments that provide support for focused growth in Priority Development Areas, including major new transit projects and the OneBayArea Grant program.

Gauging Our Financial Resources

The Plan Bay Area investment strategy is based on an estimate of available funding through 2040. Although the region continues to feel the impact of a slow recovery on revenues for transportation in the short term, total revenues over the 28-year life of the plan are expected to exceed the long-term revenue estimates prepared for the preceding regional transportation plan, Transportation 2035, which was adopted in April 2009 when various transportation revenues were in decline.

FIGURE 11 Revenue Forecast
\$292 Billion (VOE \$)*



For Plan Bay Area, MTC worked with partner agencies and used financial models to forecast how much revenue will be available for transportation purposes over the 28-year duration of the plan. These forecasts are used to plan investments that fit within the "financially constrained" envelope of revenues that are reasonably expected to be available.

Plan Bay Area revenue forecasts total \$292 billion over the 28-year period, reckoned in year of

expenditure (VOE) dollars. As shown in Figure 11, over two-thirds (68 percent) of these funds are from regional and local sources, primarily transit fares, dedicated sales tax programs, and bridge tolls.

Making up the remainder of the pie are state and federal revenues (mainly derived from fuel taxes), and "Anticipated" revenues, which are unspecified revenues that reasonably can be expected to become available within the plan horizon. Although federal and state funding for transportation is critical, it is insufficient to cover growing needs. Annual revenues from local sources dwarf the revenues local jurisdictions receive in state transportation infrastructure funding.

The Great Recession also had a severe impact on the budgets of state and local jurisdictions in California. Bay Area communities seeking to support focused growth and increase the amount of affordable housing were particularly hard hit by the elimination of redevelopment agencies and related funding in 2010. In the Bay Area, these agencies generated \$1 billion annually before they were dissolved by the Legislature and the funding programs eliminated.

Financial Assumptions

The complete financial assumptions and amounts for the financially constrained Plan Bay Area are provided in *Plan Bay Area Financial Assumptions*, listed in Appendix 1. The estimated revenues in Plan Bay Area assume an inflation rate of 2.2 percent and are reported in year of expenditure dollars.

Key highlights are as follows:

- The federal highway and transit programs are assumed to continue in their current form and grow at a rate of 3 percent annually. Base year revenue is set at the nationally authorized level for fiscal year (FY) 2009–10, and the Bay Area is projected to receive its historically proportionate share of these programs.
- The state funding sources — primarily fuel tax-based — are assumed to maintain their

structure and distribution formulas over the 28-year period, starting from FY 2009–10 base levels. Assumptions concerning fuel price and consumption growth assume that state gasoline consumption will decline at an increasing rate until 2020 and then grow slowly at a constant long-term rate. For the 2006 voter-approved Proposition 1B, the revenue forecast includes the Bay Area's remaining share beyond FY 2011–12.

- Regional bridge toll revenues are based on projected travel demand on the region's seven state-owned toll bridges. Further, it was assumed that in FY 2018–19, there would be a \$1 increase in the non-carpool vehicle toll on all state-owned bridges. The Regional Express Lane Network revenues included in the financially constrained plan represent projected gross toll revenue for express lanes including toll revenues from express lanes in Santa Clara County.
- Local revenues, sales taxes such as Transportation Development Act (TDA) and Assembly Bill 1107 (1977) are assumed to grow at rates that take into account demographic and economic factors such as median income, regional employment and population growth.
- County and transit district transportation sales tax revenues in Alameda, Contra Costa, Napa, Marin, San Francisco, San Mateo, Santa Clara and Sonoma counties are based on estimates provided by the respective sales tax authorities in those counties. Measures that are set to expire within the 28-year period are assumed to be renewed and/or augmented.
- Transit operator-specific revenue projections including transit fares, tolls, property and parcel taxes, and other sources have been provided by the respective operators. Projections of local streets and roads revenue are based on information provided to MTC by local agencies.
- Revenues forecasted to become available for high-speed rail include approximately \$1.5



Karl Nielsen

billion from California's Proposition 1A (2008), the Safe, Reliable High-Speed Passenger Train Bond Act. It was also assumed that the region would receive 12.5 percent, or \$1.5 billion, of federal revenues that are expected to become available to finance the project.

- Plan Bay Area assumes \$3.1 billion dollars in Cap and Trade revenue. These funds represent the Bay Area's share of funds that are expected to be administered by the state's metropolitan planning organizations.
 - The inclusion of "Anticipated" revenues in the financially constrained plan strikes a balance between the past practice of only including specific revenue sources currently in existence or statutorily authorized, and the more flexible federal requirement of revenues that are "reasonably expected to be available" within the plan period.
- MTC performed a retrospective analysis of projections for previous long-range plans, including a review of unexpected revenues that had come to the region but had not been anticipated or included in those projections. Over a 15-year analysis period, the San Francisco Bay Area received an annualized amount of roughly \$400 million (in 2011 dollars) from these "unanticipated" fund sources. MTC generated an estimate of these anticipated revenues by projecting the \$400 million figure forward at a 3 percent annual growth rate. These revenues are not assumed in the first five years of the plan.

Plan Bay Area Investments—Committed and Discretionary Funds

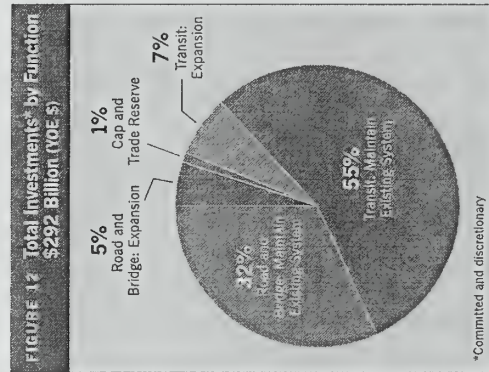
Revenues for Plan Bay Area are either committed to existing purposes or considered discretionary and available for new projects and programs. Committed funds may be designated by law for a specific purpose or are reserved by action of a governing board (such as MTC, a transit agency, a congestion management agency, etc.). Discretionary revenues are those that are available for assignment to projects or programs through the plan. In spring 2011, MTC determined that if any transportation project/program met one of the following criteria, the project would be considered “Committed” for Plan Bay Area (consistent with Senate Bill 375):

- Project is under construction with a full funding plan, or a regional program that is currently under contract.
- Project is funded with dollars designated by statute for a specific purpose, or dollars are locally generated and locally administered.

Additional funding was deemed committed to transit operating and maintenance in Spring 2012. Based on these conditions, \$60 billion of the \$292 billion

in total revenue forecasted for Plan Bay Area is available for discretionary investments.

As summarized in Table 17, the investment strategy totals \$292 billion in committed and discretionary funds. This combined investment strategy focuses 87 percent of the funding over the life of the plan on taking care of our existing transportation system. (See Figure 12.) The remaining 13 percent funds key transit and road expansion projects. Bicycle and

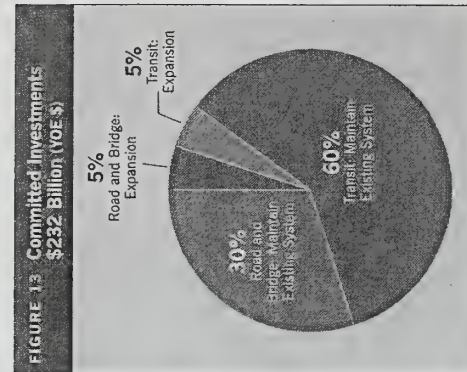


pedestrian projects and programs are included with road maintenance and expansion due to the region's policies to ensure roads are built or modified to be accessible for all users, so-called “complete streets.”

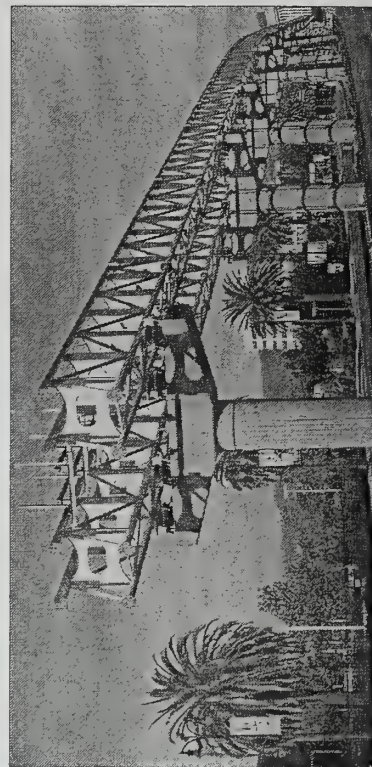
Committed Revenues

Seventy-nine percent (\$232 billion) of all the revenues forecast for Plan Bay Area are deemed “Committed.” Examples of committed funds include existing sales tax measure revenues, which have been assigned through a voter-approved expenditure plan, and State Transportation Improvement Program (STIP) funds that have already been designated for specific projects by the California Transportation Commission. Figure 13 provides a breakdown by functional category of how committed funds will be expended over the course of the plan.

Funding for “Committed” projects is included in Plan Bay Area in order to provide a complete picture of the regional investments and so that these critical efforts can continue to advance. Included in this group are several large projects that are under construction, such as the new eastern span of the San Francisco-Oakland Bay Bridge, the Bay Area Rapid Transit (BART) extensions to Warm



Springs and Eastern Contra Costa County (eBART); the BART Airport Connector to Oakland International Airport; the San Francisco Municipal Area Rail Central Subway; the Sonoma-Marin Area Rail Transit (SMART) Initial Operating Segment from Santa Rosa to San Rafael; and the Caldecott Tunnel Fourth Bore project.



Mark Burger

TABLE 17. Plan Bay Area Investments by Function (in billions of VOE \$)

Function	Committed	Discretionary	Total
Transit: Maintain Existing System	\$139	\$20	\$159
Road and Bridge: Maintain Existing System	\$69	\$25	\$94
Transit: Expansion	\$13	\$8	\$21
Road and Bridge: Expansion	\$11	\$4	\$15
Cap and Trade Reserve	\$0	\$3	\$3
Total	\$232	\$60	\$292

The allocation of committed funds supports growth in our established rural, suburban and urban communities by directing 90 percent of these funds to the region's existing transit and road systems as shown in Figure 13. These investments, totaling more than \$200 billion of the committed funds, ensure that the buses and trains can serve today's and tomorrow's passengers, and that our roads and sidewalks can carry current and future residents on their way to work or school. More detailed information on the committed investments can be found in the Online Project Database, listed in Appendix 1.

Discretionary Revenues

The 21 percent of Plan Bay Area revenues that are discretionary (\$60 billion) are assigned to projects or programs to support the plan's land use and transportation investment strategy. While the funds may be discretionary in that they have not yet been assigned to a project or program, they may be subject to rules associated with how they can be spent. For example, federal New Starts funds are discretionary because they have not been assigned to a particular project; however, those funds can only be used for new transit projects. Surface

Transportation Program funds can be used across different modes of transportation, but they can only be used for capital improvements and not for operating purposes. Figure 14 provides a breakdown by functional category of how discretionary revenues will be invested through Plan Bay Area.

Cap and Trade Revenues

This investment strategy is complemented by a \$3.1 billion dollar reserve from future Cap and Trade funding included in the plan. The expected eligible uses include but are not limited to transit operating and capital rehabilitation/replacement, local street and road rehabilitation, goods movement, and transit-oriented affordable housing — consistent with the focused land use strategy outlined in Plan Bay Area. The share of funds reserved for these purposes, the specific project sponsors and investment requirements will be subject to further deliberation with partner agencies and public input following adoption of Plan Bay Area.

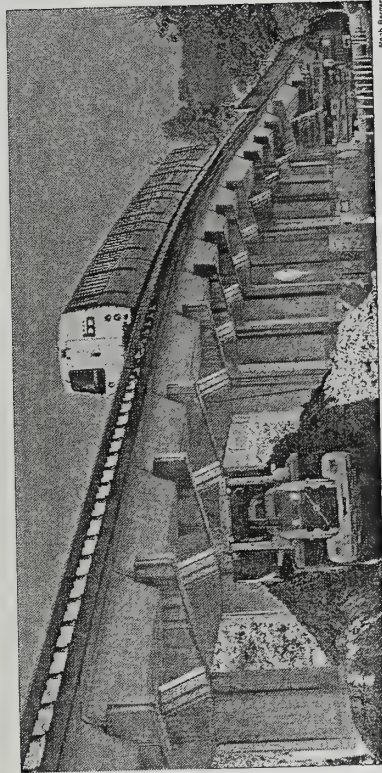
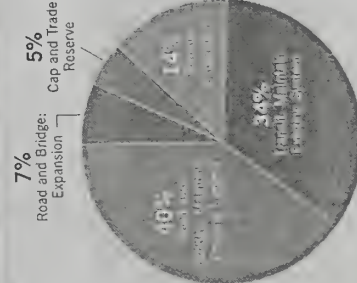
Cap and Trade revenues will be allocated to specific programs through a transparent and inclusive regional public process. That process will specifically ensure that at least 25 percent of these revenues will be spent to benefit disadvantaged communities in the Bay Area, and to achieve the goals of Plan Bay Area.

Investment Strategies

The discretionary funds provide the opportunity to address six key investment strategies to support both the future land use pattern outlined in the previous chapter and the performance targets adopted for the plan as discussed in Chapter 1. The following section details the region's six primary investment strategies to address the key issues identified during the Plan Bay Area process.

At the end of this chapter, key road and transit projects are highlighted in a series of maps. Additional detail on the proposed Plan Bay Area-funded projects and programs is available in the Online Project Database, listed in Appendix 1.

FIGURE 14 Discretionary Investment: \$60 Billion (YOY \$)



Investment Strategy 1 Maintain the Existing Transportation System

Plan Bay Area continues to support the "fix it first" emphasis from 2009's Transportation 2035 Plan to ensure that the region directs a majority of funding to maintain existing transportation assets, while also supporting focused growth in areas served by the transportation system over the life of the plan. A well-maintained multimodal transportation system is fundamental to the success of the more compact

future land use outlined in Chapter 3. Plan Bay Area fully funds operating needs for existing transit services and timely transit vehicle replacement while funding 76 percent of remaining high-priority transit capital needs. Furthermore, this investment strategy invests scarce resources in state bridge rehabilitation and retrofit.

Plan Bay Area dedicates 87 percent of all available funds to keeping the current transportation network in working order as shown in Figure 12. Roughly three-quarters of the draft plan's discretionary funds and 90 percent of the committed funds are dedicated to funding transit operations, maintaining transit

FIGURE 15 System Maintenance and Management Share of Total Investment: California's Largest Regions' Long-Range Plans

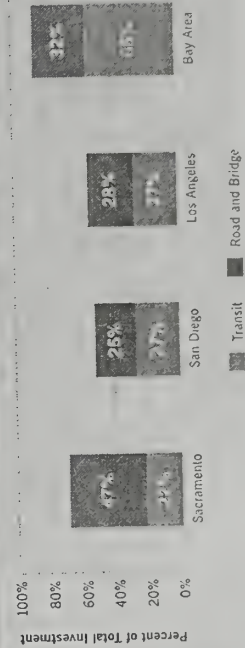




Photo: BART

capital assets, repairing and replacing bridges, and maintaining complete streets. This includes complementary funding in the OneBayArea Grant investment strategy (see page 77) and County Investment Priorities strategy (see page 86).

Plan Bay Area makes a greater financial commitment to system maintenance and management than do the plans of California's other large metropolitan regions. Approximately 87 percent of total Plan Bay Area funding goes toward sustaining the existing system, while other metropolitan regions in the state dedicate substantially smaller shares of funding for this purpose (see Figure 15). There are several reasons for the difference in priorities:

- The Bay Area has some of the oldest transportation systems in the state (and even in the country) — and old infrastructure requires more funding to maintain, renovate and replace than newer systems. San Francisco's Municipal Railroad recently celebrated its 100th anniversary, and BART operates the oldest railcar fleet in the country.

- Our region's greater reliance on rail services results in higher costs to maintain these capital-intensive modes. Plan Bay Area includes nearly \$3 billion for replacing BART's and Caltrain's aging fleets over the next decade.
- The Bay Area is relatively built-out compared to other newer, faster-growing urban areas, and our transportation system is correspondingly more fully developed. That means there is relatively less need to invest in new highways and transit lines, and relatively more existing infrastructure to maintain here than in other areas. Even so, all four of California's major metropolitan areas devote more than 50 percent of their future transportation budgets to upkeep of their current road and transit networks.

Investment in the Transit System Operating and Maintaining Transit: A Key Challenge

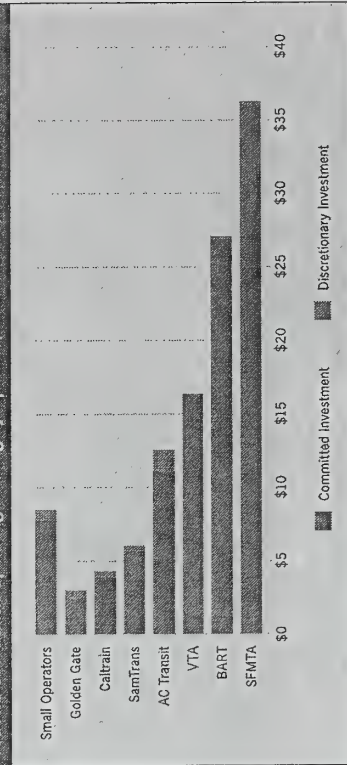
Buses, trains, ferries, light-rail vehicles, cable cars and streetcars not only provide mobility for people without cars — including those who are low-income, elderly, disabled or too young to drive — they also provide a viable alternative to driving for hundreds of thousands of area residents who do own cars.

By reducing the number of vehicles on the roads, public transit helps to fight congestion and curb greenhouse gas emissions. It is also the essential transportation complement to Plan Bay Area's distribution of housing and employment in key locations throughout the region.

TABLE 3.8: Plan Bay Area Transit Investment Strategy (in billions of YOE \$)

	Total Need 2013–2040	Committed Investment	Discretionary Investment	Remaining Need
Transit Operations	\$114	\$110	\$4	\$0
Transit Capital	\$47	\$21	\$9	\$17
Total	\$161	\$131	\$13	\$17

FIGURE 3.6: Transit Operating Funding by Operator, 2013–2040 (in billions of YOE \$)



Yet despite the importance of transit to the Bay Area and its economy, maintaining and sustaining the network is an ongoing challenge. The cost of buying the fuel and paying the drivers, mechanics, dispatchers and other workers needed to operate a transit system — and paying for the replacement of buses, train cars, tracks, fare machines and other capital equipment — can outpace available funds. Delayed maintenance of the transit system leads to even costlier rehabilitation down the road. Plan Bay Area thus places a high priority on funding for transit operations and equipment.

Over the next 28 years, operating and capital replacement costs for Bay Area transit providers are projected to total \$161 billion. This includes \$114 billion in operating costs plus \$47 billion for capital replacement to achieve an optimal state of repair. Committed revenues over the same period are expected to total only \$131 billion (\$110 billion for operations and \$21 billion for capital). The result is \$30 billion in initial unfunded needs, approximately \$26 billion of which is needed to bring our capital assets up to an optimal state of repair.

To address transit operating and capital needs, Plan Bay Area invests a total of \$13 billion in discretionary revenues. This includes more than \$2 billion in

discretionary revenue plus almost \$2 billion in revenues that are expected to come from a future extension of the transportation sales tax in Alameda County to eliminate the \$4 billion forecasted operating shortfall over the plan period. Another \$9 billion in discretionary revenue will be invested in transit capital, leaving unfunded capital needs of \$17 billion to achieve a state of optimal repair that the region must take into account when pursuing new funding resources, as discussed in Chapter 6.

As illustrated in Figure 16, some transit agencies have operating needs that exceed the forecasted level of committed revenue — such as AC Transit, Golden Gate Transit, SamTrans, Caltrain and the small operators. The variability of the operating needs across the region results from the uniqueness of each system's forecasted cost growth and revenue availability. For example, on the revenue side, some transit operators have access to permanent sales taxes or are supported by general fund contributions, while others are not and are more reliant on fare revenues. As part of the investment strategy, MTC shored up the operating funding plan so that operators for existing services for all transit operators are fully funded through committed and discretionary revenues over the plan period.

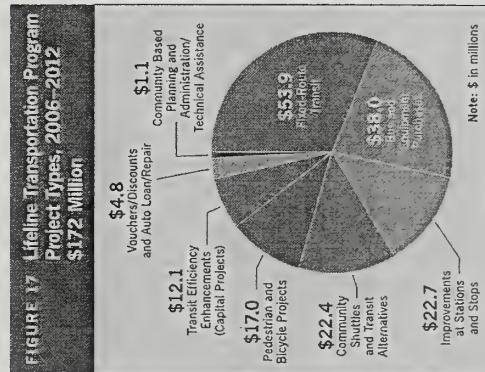
Transit Sustainability Project Helps Bend Operating Cost Curve

The region's operating cost projections assume a continuation of existing levels of service and also take into account the increased operating costs associated with committed transit expansion projects. Plan Bay Area reflects the recommendations of MTC's Transit Sustainability Project (TSP), a series of actions to complement recent individual transit agency efforts to control costs, improve service and attract new riders. By establishing performance metrics and targets, new investment and incentive programs, and additional focused efforts related to cost, service and institutional arrangements, the recommendations set a course toward a more sustainable transit system. The operating cost projections associated with implementing the Transit Sustainability Project recommendations assume a five percent drop in operating costs by 2018, then indexing those costs to inflation. Over the life of the plan, this results in billions of dollars of savings.

More information on the TSP can be found in Investment Strategy 4, "Boost Freeway and Transit Efficiency."

Lifeline Transportation Program Improves Mobility and Accessibility

Plan Bay Area reaffirms the importance of addressing the mobility and accessibility needs of seniors, persons with disabilities, and residents in low-income



communities throughout the region. The plan adds approximately \$800 million in discretionary funding for MTC's Lifeline Transportation Program over the 28-year period of the plan. In addition to continuing the types of projects that are currently being funded, an area of possible focus for the future is "mobility management," a strategic approach to connecting people to transportation resources within a community including services provided by human services agencies and other community sponsors. This strategy is especially key to the region's ability to address growth in the Bay Area's senior population and persons with disabilities. Through partnerships with many transportation service providers, mobility management enables communities to monitor transportation needs and links individuals to travel options that meet their specific needs, are appropriate for their situation and trip, and are cost efficient. The Lifeline program, which implements locally crafted Community Based Transportation Plans funded by MTC, has already invested over \$170 million in a diverse mix of projects to support high-need travelers. (See Figure 17.) In addition to



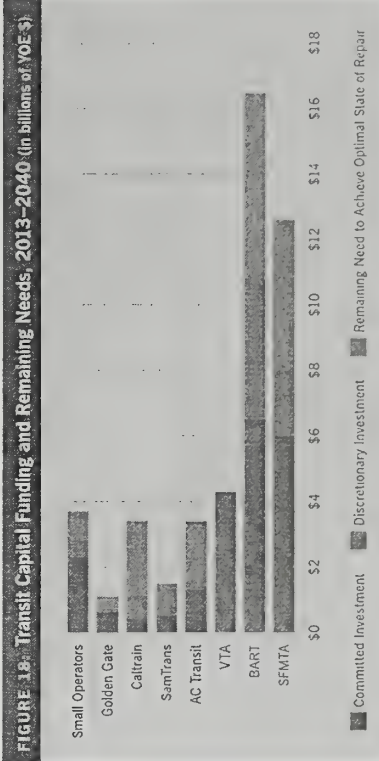
mobility management projects, Lifeline has invested in additional fixed-route transit, shuttles, and non-motorized safety and access improvements.

Transit Capital Replacement and Rehabilitation: A Big Hole to Fill

On the capital side, Plan Bay Area assures that all vehicles are replaced at the end of their useful lives and receive all required rehabilitation on schedule, though large capital needs remain for other assets such as maintenance facilities and station upgrades to ensure the long-term health of the region's transit operations. (See Figure 18.) In particular, a robust and efficient public transit network, anchored by expanded local service, is a linchpin of Plan Bay Area's land use strategy to promote future development around existing and planned transit nodes. The plan falls short in achieving two voluntary performance targets that are key indicators of a sustainable transit system: fully funded maintenance and state of good repair of existing capital assets; and transit operating funding necessary to meet the projected growth in non-auto mode share to 26 percent of all trips.

Consistent with MTC's Transit Capital Priorities Policy, high-priority transit capital investments include revenue vehicles (buses, railcars and ferries) — which are Plan Bay Area's first priority for transit capital funds — as well as "fixed guideway" infrastructure (track, bridges, tunnels and power systems) and communications equipment to ensure the safe, reliable, and timely delivery of transit service throughout the region.

Nearly \$20 billion of the projected transit capital replacement and rehabilitation needs of the Bay Area's transit systems through 2040 are unfunded under the plan. Plan Bay Area will dedicate a significant portion of the revenue generated from Cap and Trade to these unmet transit needs. In addition, promptly after adoption of the plan, MTC will work with the region's operators and other stakeholders to develop a plan to address the gap in funding for transit capital replacement and rehabilitation needs, and to expand the funding available to support future increases in transit service.



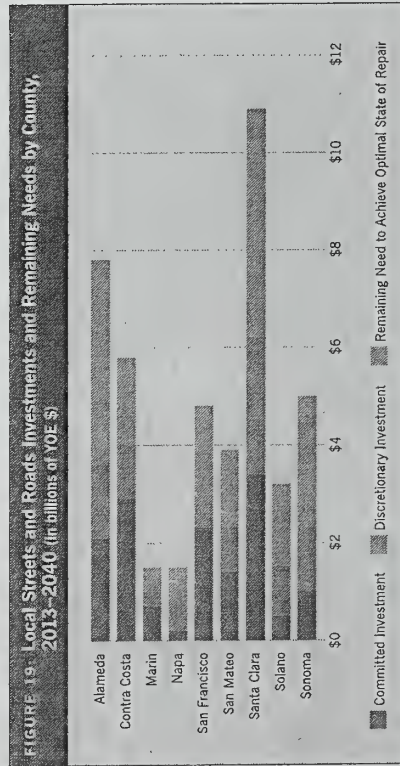
Plan Bay Area's total capital investment of \$30 billion in committed and discretionary revenues will be sufficient to fund all revenue vehicle replacements and 76 percent of fixed guideway and other high-priority needs, a substantial improvement over the 60 percent funded in the Transportation 2035 Plan. Chapter 6 outlines priorities for the region to cover the remaining capital needs, totaling \$17 billion, to achieve our performance target.

Investment in Local Streets and Roads

A critical component of the OneBayArea Grant (OBAG) investment strategy discussed later in this chapter is the investment of discretionary funds for the purpose of preserving the existing local street and road network. While congestion management agencies have the flexibility to spend their OBAG county shares on any eligible OBAG programs, Plan Bay Area provides sufficient funding within the program to reaffirm the commitment to maintain the region's pavement conditions at existing levels.

The 42,000 lane-miles of local streets and roads interconnect in a way that knits the region together, and they form the foundation of the region's transportation system. They are the conduits to the highways, ports and farmlands that are vital to the economic vitality and sustainability of the San Francisco Bay Area. All trips begin and end on a local street and road, and all modes of surface travel rely on the local street and road infrastructure. In addition to pavement, the local street and road system includes all of the safety and accessibility infrastructure that makes a functioning network possible — sidewalks, curbs and gutters, storm drains, signs and signals, and so forth.

The typical life cycle of a pavement is about 20 years. Over the first three-quarters of its life, the pavement will deteriorate slowly, resulting in a 40 percent drop in condition. Past that point, pavement will begin to deteriorate rapidly. It costs five to ten times more to rehabilitate or reconstruct a roadway that has been allowed to deteriorate, than it costs to



users. State Transportation Development Act (TDA) and local sales tax funds committed to bicycle and pedestrian improvements total \$4.6 billion during the plan period. In addition, the OneBayArea Grant program discussed in the next section includes \$14.6 billion over the life of the plan. These funds may be used for complete streets projects, including stand-alone bicycle and pedestrian paths, bicycle lanes, pedestrian bulb-outs, lighting, new sidewalks, and Safe Routes to Transit and Safe Routes to Schools projects that will improve bicycle and pedestrian safety and travel.

Investment in State Bridges

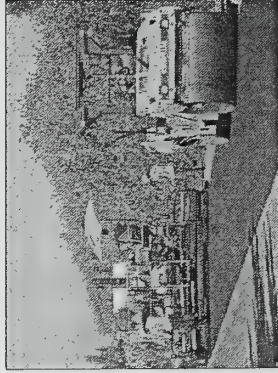
The bridges that span San Francisco Bay are critical transportation links for the region. It is vital to the economic health of the region and quality of life of its residents that these essential structures be kept in a state of good repair. Currently, existing toll revenues are used to strengthen, reinforce and maintain bridge structures and roadways on all of the seven state-owned Bay Area bridges; this includes replacing the eastern span of the San Francisco-Oakland Bay Bridge.

Plan Bay Area assumes a single one-dollar toll increase on all state-owned bridges, beginning in the year 2019. These new bridge tolls are considered a source of regional discretionary funds and total \$2.7 billion over the course of the plan.

Due to the important role that our toll bridges play in the ability of the region's transportation network to function smoothly, Plan Bay Area assumes that approximately \$1 billion, or about one-third of the \$2.7 billion in estimated new bridge toll funds, will be needed for additional maintenance or unforeseen repairs to the Bay Area's bridges.

Investment in State Highways

California's 50,000 lane-mile state highway system is an essential contributor to the state's economic vitality, linking people and goods with intermodal



Noah Berger

maintain that roadway in good condition. Through the OneBayArea Grant program, Plan Bay Area invests \$10 billion in discretionary funding to maintain the region's existing pavement condition, currently at a regional average of 66 on a pavement condition index (PCI) scale of 0 to 100. Even with an infusion of discretionary funds, sizable funding gaps remain in each county to bring pavement up to a state of good repair, as shown in Figure 19.

The total amount of funding needed for the Bay Area to achieve a PCI of 75 (the plan's adopted performance target, as discussed in Chapter 5) over the Plan Bay Area period is \$45 billion. Committed revenues over the same period of time are expected to cover \$15 billion, or about one-third of the need. Add in the \$10 billion in discretionary funds, and the region still falls \$20 billion short of the revenue needed to achieve the plan's performance target, with the biggest shortfalls occurring in the region's largest counties, as shown in Figure 19. Chapter 6 discusses ways to pursue the revenues that will allow the region to meet its targets for roadway preservation.

Funding Active Transportation

Plan Bay Area makes a significant commitment to increase the convenience and safety of walking and bicycling by delivering complete streets for all

"MTC's new OneBayArea Grant program is an innovative way to use transportation funding to promote coordinated and environmentally responsible regional planning for jobs and housing. All Californians will benefit from such efforts to put SB 375's sustainability principles into practice."

— Senator Darrell Steinberg, President Pro Tempore, California Senate

Investment Strategy 2 Support Focused Growth

transportation facilities, growing metropolitan centers, and major international airports and ports. The value of this important transportation resource is reckoned at more than \$300 billion. Of the total mileage, 6,500 lane-miles are within the nine-county

Bay Area, giving residents a network of interstate, freeway, highway and arterial routes maintained and managed by Caltrans. These lane-miles carry more than one-third of our region's vehicle miles traveled.

State law requires Caltrans to prepare a 10-year plan for the State Highway Operation and Protection Program (SHOPP). The SHOPP identifies the various needs for all state-owned highways and bridges.

Bay Area highway maintenance needs over the 28-year life of this plan are forecasted to total about \$22 billion. Projected revenues over the same period are expected to cover only \$14 billion. Plan Bay Area has not yet identified any new funding sources for the \$8 billion in unfunded needs, despite its heavy emphasis on maintaining our current transportation system. The magnitude of the Bay Area's highway rehabilitation needs and lack of available funding suggests that maintenance will have to be delayed or deferred on some highways. New state funding, as discussed later in Chapter 6, will need to be secured in order to ensure the long-term health of today's system.

To encourage more development near high-quality transit and reward jurisdictions that produce housing and jobs, Plan Bay Area proposes to target transportation investments in Priority Development Areas (PDAs), support planning efforts for transit-oriented development in PDAs, and support Priority Conservation Areas.

In May 2012, MTC approved a new funding approach that directs specific federal funds to support more focused growth in the Bay Area. The OneBayArea Grant (OBAG) program commits \$320 million over the next four years (\$14.6 billion over the life of the plan), from federal surface transportation legislation currently known as MAP-21 (Moving Ahead for Progress in the 21st Century). OBAG is designed to support jurisdictions that focus housing growth in Priority Development Areas through their planning and zoning policies, and the production of housing units. Specifically the program rewards jurisdictions that accept housing allocations through the

Regional Housing Need Allocation (RHNA) process. The distribution of OBAG funds to counties is based on the following factors: population, past housing production and future housing commitments, and efforts to produce low-income housing.

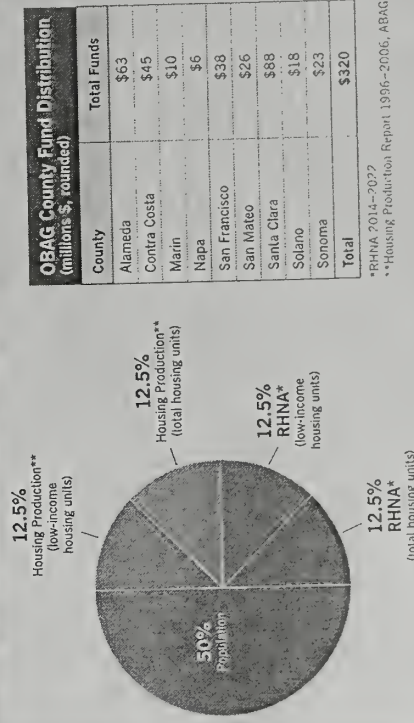
Focus on Priority Development Areas

As outlined in Chapter 3, Priority Development Areas (PDAs) are transit-oriented, infill development opportunity areas within existing communities that are expected to host the majority of future development. The OBAG program allows communities flexibility to invest in transportation infrastructure that supports infill development by providing funding for bicycle and pedestrian improvements, local street repair, and planning activities, while also providing specific funding opportunities for Safe Routes to Schools

projects and Priority Conservation Areas. By promoting transportation investments in PDAs, the OBAG program supports the Sustainable Communities Strategy for the Bay Area.

Per OBAG requirements, congestion management agencies (CMAs) will develop a PDA Investment and Growth Strategy for their respective counties; this will be used to guide future transportation investments that are supportive of PDA-focused development. The growth strategy also will consider strategies and plans to increase the production of affordable housing in PDAs, as well as ways to preserve existing affordable housing opportunities. The CMAs in larger counties (Alameda, Contra Costa, San Mateo, San Francisco and Santa Clara) must direct at least 70 percent of their OBAG investments to the PDAs. For North Bay counties (Marin, Napa, Solano and Sonoma) the requirement is 50 percent.

FIGURE 20: OneBayArea Grant Distribution Formula: FY 2012-13 through FY 2015-16



The OneBayArea Grant distribution formula is based on the following factors: population, past housing production and future housing commitments. This includes weighting to acknowledge jurisdiction efforts to produce low-income housing. The county congestion management agencies (CMA) are responsible for local project solicitation, evaluation and selection.



A project lying outside the limits of a PDA may count toward the minimum provided that it directly connects to or provides proximate access to a PDA. A zoomable map of PDAs in the Bay Area is available at <http://geocommons.com/maps/141979>. The counties are expected to conduct an open decision process to justify projects that geographically fall outside of a PDA but are considered directly connected to (or provide proximate access to) a PDA.

To complement these locally administered funds, OBAG also directs additional funds to support the region's Priority Conservation Areas and Priority Development Areas. The first round of OBAG funding directs an additional \$10 million to the Bay Area's Transit Oriented Affordable Housing (TOAH) Fund. These funds will see TOAH grow from a \$50 million pool today to at least a \$90 million pool by 2014. TOAH will help finance affordable housing projects in transit-rich locations and target neighborhood-stabilization investments, including housing acquisition and rehabilitation, small-site acquisition and land banking in the region's PDAs. OBAG also includes \$30 million for the PDA Planning Program to assist cities and counties planning for employment and housing growth in their city centers and transit-served corridors. In addition, these funds will continue to facilitate the entitlement of affordable housing. Finally, the first

round of OBAG commits \$10 million to support the Priority Conservation Areas with funding for planning, farm-to-market projects, and to support strategic partnerships that seek to purchase conservation lands for long-term protection and use by Bay Area residents.

The OneBayArea Grant Program will provide a solid platform to advance Priority Development Areas as walkable, amenity-rich "complete communities," and to protect our Priority Conservation Areas for future generations. However, as outlined in Chapter 6, realizing the plan's full potential will require a concerted, collaborative effort on the part of federal and state agencies.

Performance and Accountability Policies

In addition to providing funding to support Priority Development Areas, OBAG requires each jurisdiction to adopt policies to support complete streets and planning and zoning policies that are adequate to provide housing at various income levels, as required by the Regional Housing Need Allocation (RHNA) process. These requirements must be met before a jurisdiction is eligible for OBAG funding:

- **Complete Streets Policy Resolution:** In addition to meeting MTC's 2005 complete streets requirements, a jurisdiction will now need to adopt a complete streets resolution. A jurisdiction can also meet this requirement by having a general plan that complies with the California Complete Streets Act of 2008. All jurisdictions seeking future rounds of OBAG funding will be required to have the updated general plan language adopted.
- **RHNA-Compliant General Plan:** A jurisdiction is required to have its general plan housing element adopted and certified by the State Department of Housing and Community Development (HCD) to be eligible for OBAG funding.

Investment Strategy 3 Build Next-Generation Transit

As discussed in Chapter 5, Plan Bay Area relied on a transportation Project Performance Assessment, which, together with public involvement, helped identify priorities for the next generation

of transit investments. These include improvements to the region's core transit systems, new bus rapid transit lines in San Francisco and Oakland, rail extensions that support and rely on high levels of future housing and employment growth, and an early investment strategy for high-speed rail in the Peninsula corridor. MTC's Resolution 3434, a 2001 framework that identified regional priorities for transit expansion projects, has served the region well.

TABLE 19: MTC Resolution 3434 Project Status

Project	Project Cost* (in millions of YOE \$)	Status
Caltrain Express: Baby Bullet	\$128	Open for Service
Regional Express Bus	102	
BART to Warm Springs	890	
East Contra Costa BART Extension (eBART)	493	
Transbay Transit Center: Phase 1	1,589	
BART/Oakland Airport Connector	484	In Construction
Sonoma-Marín Rail Initial Operating Segment	360	
Expanded Ferry Service to South San Francisco (Berkeley, Alameda/Oakland/Harbor Bay, Hercules and Richmond, and other improvements)	180	
MUNI Third Street Light Rail Transit Project – Central Subway	1,578	
BART: Warm Springs to Berryessa	2,330	
BART: Berryessa to San Jose/Santa Clara	3,962	
Transbay Transit Center/Caltrain Downtown Extension: Phase 2	2,596	Environmental Docs Approved
AC Transit Berkeley/Oakland/San Leandro Bus Rapid Transit	218	
Downtown to East Valley; Light Rail & Bus Rapid Transit Phases 1 & 2	559	
Caltrain Electrification	785	
Caltrain Express: Phase 2	427	
Van Ness Avenue Bus Rapid Transit	126	
Tri-Valley Transit Access Improvements to/from BART	168	Environmental Docs in Process
AC Transit Enhanced Bus: Grand-MacArthur corridor	41	
Dumbarton Rail	701	
ACE Right-of-Way Acquisition for Service Expansion	150	
Capitol Corridor: Phase 2 Enhancements	254	
Total	\$18,121	

*Full project cost may not be included in Plan Bay Area.

TABLE 20 New Starts and Small Starts – Plan Bay Area “Next Generation” Projects (in millions of DOE \$)				
Project	Cost	Previously Committed Funding	New Starts/ Small Starts	Other Funding from Plan Bay Area
BART: Berryessa to San Jose/ Santa Clara	\$3,962	\$1,355	\$1,100	\$1,507
Transbay Transit Center/Caitrain Downtown Extension; Phase 2	2,596	639	650	1,307
AC Transit Enhanced Bus/BRT: Grand-MacArthur corridor	41	0	30	11
Van Ness Avenue Bus Rapid Transit Project	126	66	30	30
AC Transit Berkeley/Oakland/ San Leandro Bus Rapid Transit	218	179	28	11
New Starts and Small Starts Reserve	660	—	560	—
Total	\$7,603	\$2,239	\$2,498	\$2,866

Roughly half of the projects are in service or under construction. Many of the others are reconfirmed as priorities for continued funding, or are included in the plan for early phases of work as the projects are being developed.

Resolution 3434 established the region's priority projects for federal New Starts and Small Starts funds (see Table 19), creating a unified regional strategy to secure commitments from this highly competitive national funding source. In 2012, the Bay Area secured commitments for nearly \$2 billion in federal funding for its two most recent New Start projects — San Francisco's Central Subway and the extension of BART to Berryessa in Santa Clara County. These successes pave the way for a new generation of projects that can leverage current and future development patterns to create financially stable transit service in these corridors.

Plan Bay Area assumes that the region can attract approximately \$2.5 billion in additional federal New Starts and Small Starts funding through 2040.

Building on the successful delivery of Resolution 3434, and the results of the Performance Assessment and transit-specific project evaluation, Plan Bay Area's priorities for the next generation of federal New Starts and Small Starts funding include major rail and bus rapid transit (BRT) investments, as summarized in Table 20. Along with identifying these significant future transit investments, Plan Bay Area also retains \$660 million in financial capacity for projects that are in the planning stages. The \$660 million New and Small Starts reserve, or a regional investment equivalent, is proposed to support transit projects that are located in or enhance transit service in the East and North Bay counties, subject to future assessments of feasible alternatives, evaluation for cost-effectiveness, and for performance against MTC's Transit-Oriented Development Policy.

Reference maps of key local and regional transit projects are included at the end of this chapter.

Investment Strategy 4 Boost Freeway and Transit Efficiency

The Bay Area consistently ranks as one of the most congested metropolitan areas in the nation. In the Texas A&M Transportation Institute's 2012 Urban Mobility Report (<http://mobility.tamu.edu/ums/report/>), San Francisco Bay Area ranked as the third most congested region in hours of delay caused by congestion. The same report estimated that congestion cost our region's peak-commute drivers an average of more than \$1,200 per year. A decade or two ago, the response to congestion might have been simply to add additional roadway capacity. With today's mature system of roadways and increased demands on available financial resources, it is no longer possible to build our way out of congestion. Instead, the region must find ways to operate our existing highway and transit networks more efficiently, and target expansion projects that will provide long-term and sustainable congestion relief.

Plan Bay Area includes a discretionary funding commitment of \$3.9 billion over the next 28 years to support projects and programs that will boost system efficiency. These include the Freeway Performance Initiative (FPI) and the Transit Performance Initiative (TPI) that aim to use low-cost technology upgrades to dramatically improve the speed and reliability of roadways and transit service. In addition, efforts like San Francisco's cordon pricing program and the Regional Express Lane Network will leverage revenues generated from pricing to improve the efficiency of the existing system while expanding travel choice.

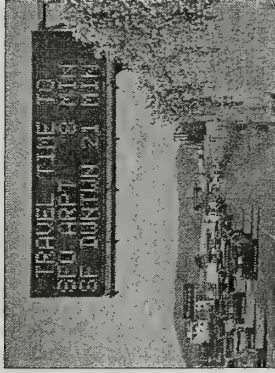


TABLE 21 Freeway Performance Initiative

Program Elements	Description & Benefits
Ramp Metering	Activate 300 additional ramp-metering locations on freeways.
Intelligent Transportation Systems Infrastructure	Install and maintain traffic cameras, changeable message signs, speed sensors and other related infrastructure to improve travel-time reliability on freeways.
Arterial Operations	Implement traffic signal coordination, transit-priority timing and incident/emergency clearance plans on regionally significant routes.
Incident and Emergency Management	Maintain the Freeway Service Patrol and Call Box programs, and enhance transportation agencies' and first responders' capabilities to clear traffic incidents and respond to major emergencies through integrated corridor management.
Traveler Information/511	Collect, consolidate and distribute accurate regional traffic, transit and parking data for trip-planning and real-time traveler information.
Operations & Maintenance	Maintain existing and future arterial and freeway technology improvements.

Freeway Performance Initiative

Plan Bay Area supports MTC's Freeway Performance Initiative (FPI), which is designed to maximize the efficiency and improve the operations and safety of the existing freeway, highway and arterial network.

Owing to investments made through the Transportation 2035 Plan, FPI expanded the number of metered ramps throughout the Bay Area, directly resulting in reduced travel times and improved safety on major freeway corridors while managing the impact on local arterial operations. FPI investments also support the Program for Arterial System Synchronization (PASS), through which an average of 500 traffic signals are re-timed each year to improve coordination across jurisdictions, and provide priority signal timing for transit vehicles.

FPI funding for the Freeway Service Patrol and call boxes has enhanced the region's ability to quickly identify and respond to planned and unplanned freeway incidents. Currently, FSP includes 78 low trucks that cover 552 miles of Bay Area freeways and respond to an average of 130,000 incidents per year. The 2,200 call boxes in place along the region's freeways and bridges receive an average of 22,000 calls per year.

Plan Bay Area calls for an investment of approximately \$2.7 billion in discretionary regional funds over the next 28 years to implement the FPI.



Transit Performance Initiative

The Transit Performance Initiative (TPI) makes a regional investment in supportive infrastructure to achieve performance improvements in major transit corridors where current and future land use supports high-quality transit. The TPI also provides incentives to reward agencies that achieve improvements in ridership and service productivity. Plan Bay Area dedicates \$500 million over the plan period to support this initiative, which is expected to result in reduced emissions and vehicle miles traveled, as well as an increase in the non-auto mode share of all trips.

MTC approved the first round of capital investment projects in the spring of 2012, providing over \$27 million to reduce travel times and enhance the passenger experience on major corridors served by AC Transit, San Francisco Municipal Transportation

Sponsor	Project	Investment (millions \$)
AC Transit	Line 51 Corridor Speed Protection and Restoration	\$10.1
SFMTA	Mission Customer First	\$7.0
SFMTA	N-Judah Customer First	\$3.7
SFMTA	Bus Stop Consolidation and Roadway Modifications	\$4.1
VTA	Light Rail Transit Signal Priority Improvements	\$1.6
VTA	Stevens Creek - Limited 323 Transit Signal Priority	\$0.7

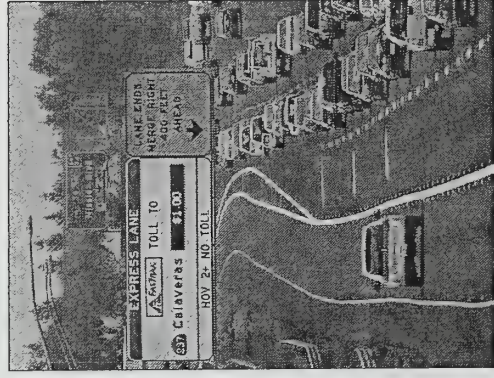
Agency (SFMTA), and Santa Clara Valley Transportation Authority (VTA). (See Table 22.) These busy routes offer the potential to improve service quality, speed, and reliability, ultimately reducing travel times and increasing ridership.

MTC has also created an incentive program to reward transit agencies that achieve ridership increases and productivity improvements, and will allocate funds on the basis of performance, thereby encouraging all of the region's transit operators to continuously improve their service and attract more riders. In winter 2013, the first round of funding for the TPI incentive program awarded over \$13 million to eight projects focused on increasing ridership and/or productivity, including youth and low-income pass programs.

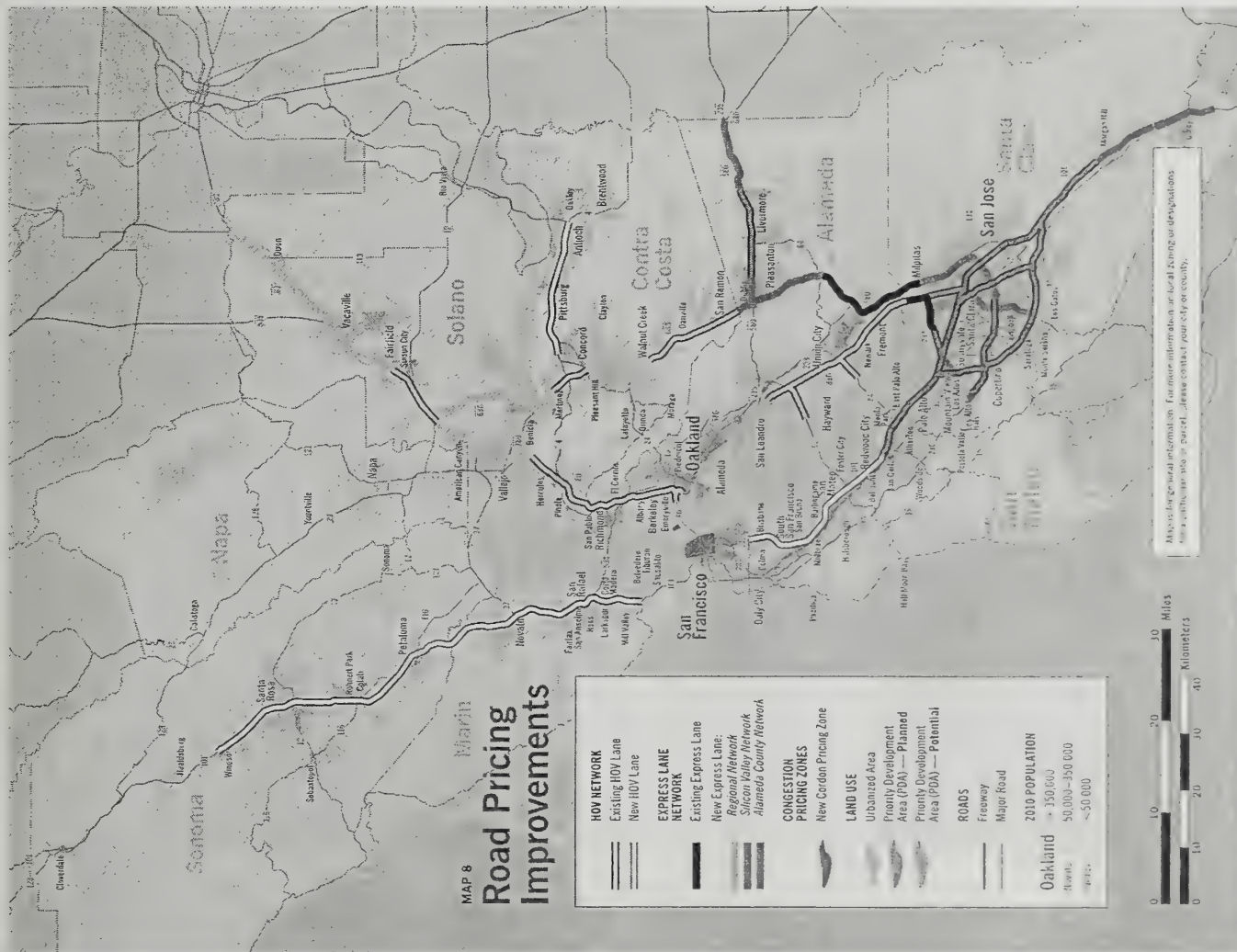
Regional Express Lane Network

Express lanes, otherwise known as high-occupancy toll (HOT) lanes, are carpool lanes that give solo drivers the option of paying a fee to use the uncongested carpool lane, while carpools and buses may use the express lane free of charge. Express lanes make better use of carpool lanes that often sit empty while solo drivers are stuck in traffic. Opening up the express lane to solo drivers has been proven effective across the nation in moving cars out of traffic. Fewer cars in general-purpose lanes reduce traffic even for those who do not choose to use the express lane.

Express lane tolls vary based on levels of congestion. They are priced low enough to attract drivers out of slow traffic in the regular lanes, but high enough to ensure a free flow of cars in the express lane at all times. Drivers pay based on distance traveled in the express lane. Tolls are collected through the FasTrak® electronic toll collection system.



In October 2011, the California Transportation Commission (CTC) approved MTC's plan to add 270 miles of express lanes on I-80 in Solano, Contra Costa and Alameda counties, I-880 in Alameda County, I-680 in Solano and Contra Costa counties, and the approaches to the Bay Bridge, San Mateo-Hayward Bridge and the Dumbarton Bridge. These will be operated by MTC in tandem with express lanes operated by county agencies on I-580 and I-680 in Alameda County and throughout Santa Clara County to form a seamless system of express lanes throughout the region. Of the proposed network, 150 miles would involve converting existing carpool lanes, or high-occupancy vehicle (HOV) lanes, to express lanes, and 120 miles would involve widening freeways to create new HOV/express lanes in both directions to close gaps in and extend the existing HOV system.



The goals of the Regional Express Lane system remain the same as they were in the Transportation 2035 Plan:

- **Connectivity** – Use express lane toll revenue to close gaps within the HOV lane system and to increase travel-time savings for carpools and buses. Without express lane toll revenue, the region's HOV system will remain fragmented for the foreseeable future.
- **Efficiency** – Optimize throughput on freeway corridors to better meet current and future traffic demands, using excess capacity in the existing HOV system to reduce travel time for all travelers.
- **Reliability** – Provide a reliable, congestion-free transportation option.

Express lane toll revenue will be used first and foremost to fund the operations and maintenance of the express lanes. Plan Bay Area invests \$600 million in discretionary revenue in order to complete the financing package for construction of the Regional Express Lane Network in Solano, Contra Costa and Alameda counties. Conversions of existing HOV lanes will be built first. Revenues from those early express lanes will be used to bond-finance the gap closures first, and, eventually, the extensions. Express lanes in Santa Clara County will be financed by bonds that are fully supported by committed express lane toll revenue.

All project-level environmental clearances will comply with applicable requirements for environmental justice, and focused outreach will be conducted with low-income communities as part of the express lane network development and implementation. Furthermore, MTC will study the potential benefits and impacts of converting general purpose lanes to express lanes in order to inform implementation of the express lane network.

A map of other critical roadway improvements proposed in the Plan Bay Area investment strategy is included at the end of this chapter.



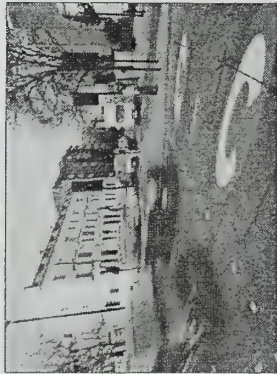
Proposed congestion pricing locations in downtown San Francisco and Treasure Island.

San Francisco Congestion Pricing

Congestion pricing involves charging drivers a fee to drive in congested areas, and using the revenue generated to fund transportation improvements — such as better transit service, signal coordination, and bicycle and pedestrian projects — that improve travel options and traffic flow. Congestion pricing is being advanced in San Francisco through a demonstration project as a part of the Treasure Island development project, and through ongoing planning for congestion pricing in downtown San Francisco.

Treasure Island

In June 2011, the city of San Francisco approved development plans for Treasure Island (a Priority Development Area), including 8,000 residential units, along with retail and commercial uses. The Treasure Island Transportation Implementation Plan, adopted as part of the development project's approval, calls for an integrated approach to managing traffic and improving mobility management, including a congestion fee to be assessed for residents traveling by private automobile on or off the island during peak hours. The congestion fee, in combination with parking charges and a pre-paid transit voucher for each household, will help fund a comprehensive suite of transportation services including new ferry service to San Francisco and enhanced East Bay bus services.



London congestion pricing. The Guardian UK

Downtown San Francisco

During rush hours, congestion in the greater downtown area results in average bus transit and automobile speeds below 10 miles per hour. Congestion is already a problem, and the city has ambitious growth plans for the future. Unless bold measures are taken, downtown San Francisco streets will be unable to accommodate expected levels of housing and job growth, and gridlocked conditions will threaten the city's and region's economic development plans. A recent study found congestion pricing in downtown San Francisco to be a feasible and potentially effective way to manage and grow the transportation system while supporting new businesses and residents. The mobility and pricing program could result in:

- 12 percent fewer peak-period vehicle trips and a 21 percent reduction in vehicle hours of delay
- 5 percent reduction in greenhouse gases citywide
- \$60–80 million in annual net revenue for mobility improvements
- 20–25 percent transit speed improvement and 12 percent reduction in pedestrian incidents

Plan Bay Area supports the implementation of these congestion pricing projects in San Francisco with a \$150 million investment over the plan period.

Investment Strategy 5 County Investment Priorities

The county congestion management agencies have identified key local transportation priorities during the development of their county transportation plans. This process resulted in \$29 billion in discretionary funding requests, which is nearly twice the \$16 billion that is expected to be available over the life of the plan. Overall, the county funding priorities are closely aligned with the investment strategy, including an investment of 66 percent of these funds dedicated to maintaining and sustaining current transportation systems. Their priorities complement a number of the regional discretionary investment strategies including the OneBayArea Grant, Build Next Generation Transit, and Freeway and Transit Efficiency strategies. The county programs also include complete streets programs that will deliver substantial bicycle and pedestrian improvements. Figure 21 summarizes the counties' investment priorities; more details can be found in the Online Project Database, listed in Appendix 1.

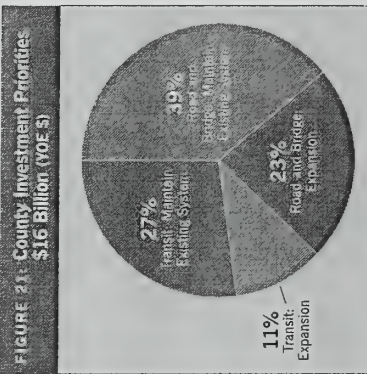


TABLE 23: Summary of Climate Initiatives Program

Policy Initiative (from most to least cost-effective)	Cost (in millions of YOE \$)	Per Capita CO ₂ Emissions Reductions in 2035
Commuter Benefit Ordinance	\$0	-0.3%
Car Sharing	\$13	-2.6%
Vanpool Incentives	\$6	-0.4%
Clean Vehicles Feebate Program	\$25	-0.7%
Smart Driving Strategy	\$160	-1.5%
Vehicle Buy-Back & Plug-in or Electric Vehicle Purchase Incentive	\$120	-0.5%
Regional Electric Vehicle Charger Network	\$80	-0.3%
Climate Initiatives Innovative Grants	\$226	TBD
Total	\$630	-6.3%

Investment Strategy 6 Protect Our Climate

Pursuant to SB 375, the California Air Resources Board in 2011 assigned the Bay Area a per capita greenhouse gas (GHG) emissions reduction target of 7 percent by 2020 and 15 percent by 2035.

These are aggressive targets that we are determined to meet and possibly exceed. In terms of its development, the Bay Area is a relatively mature region, with a well-established transportation system and a large population already in place. While it can focus the pattern of future growth, Plan Bay Area does not significantly rearrange the development pattern that already exists. So in harmony with our multimodal transportation network and focused land use plan, we have to invest in technology advancements and provide incentives for travel options to help meet these emissions targets. The Plan Bay Area climate initiative invests \$630 million in the eight programs highlighted in Table 23.

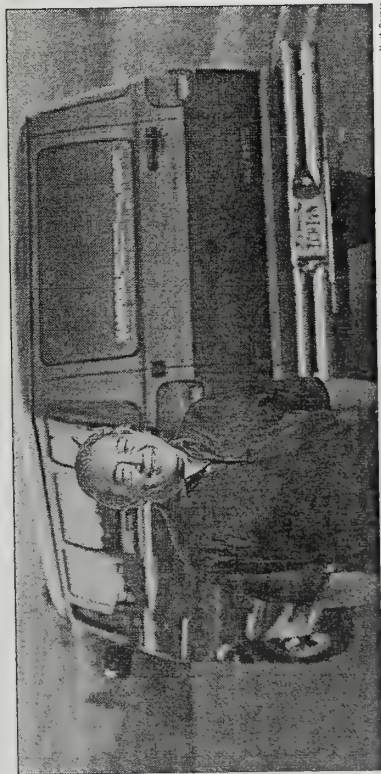
Commuter Benefit Ordinance

Senate Bill 1339 authorizes the Bay Area Air Quality Management District (BAAQMD) and MTC to jointly adopt a regional commuter benefit ordinance as a

means to reduce GHG emissions and to improve air quality. Commuter benefits would include pre-tax benefit programs, employer-provided subsidies, free shuttles or vanpools, or an employer-chosen alternative that would provide an equal or greater benefit in terms of reducing GHG emissions. The agencies are required to report to the Legislature in 2016 on the results of the program, including vehicle miles reduced and greenhouse gases reduced.

Car-Sharing

Car-sharing services have been available in the Bay Area since 2001, and in that time the number of vehicles available and the number of subscribers has grown. Bay Area wide, there were an estimated 60,500 members in 2012 and fleets with hundreds of cars to serve those customers. Car-sharing allows people to rent cars by the hour, for as short a time as 30 minutes up to a full weekend. Car-sharing saves families and individuals hundreds of dollars every month in car payments, insurance, gas, registration and repairs. This investment strategy proposes to invest \$13 million to expand car-sharing services to ensure vehicles are available at high-demand locations, and to expand services in suburban communities.



Vanpool Incentives

The Bay Area has had an organized vanpool program since 1981. Currently managed by local, county and regional partners including MTC's 511 program, the region's vanpool service helps people with long commutes that are not well-served by transit. This strategy will enhance the appeal of vanpooling by dedicating \$6 million to reduce the cost of van rentals. Encouraging more people to participate in the vanpool program can help to remove personal cars from crowded freeways and reduce overall emissions.

Clean Vehicles Feebate Program

A "feebate" charges a fee to one user, and that fee is used to provide a discount to another user. The feebate program in Plan Bay Area would charge a one-time, point-of-purchase fee on new vehicles with low miles-per-gallon ratings to help purchase fuel-efficient vehicles that emit much less pollution.

Although the fees and subsidies from the program are revenue-neutral, this strategy still includes \$7.5 million to pay for the administrative costs of the program over the period of the plan.

Smart Driving Strategy

Despite Plan Bay Area's targeted efforts to incentivize the purchase of fuel-efficient vehicles, many of the cars currently on the road fall short of current and future emission or fuel-efficiency standards, yet they work well and are not ready to be retired. Smart driving tactics are easy-to-implement actions (e.g., change in driving style, more-frequent vehicle maintenance, etc.) that any driver can do to save gas and reduce emissions. Plan Bay Area provides a total of \$160 million to develop a public education campaign for the region's drivers and to provide rebates for in-vehicle, real-time fuel efficiency gauges.

Vehicle Buy-Back/Purchase Incentive Program for Plug-ins or Electric Vehicles

While the federal government and the state are offering incentives for the purchase of electric vehicles, most EVs still cost more than many gas vehicles at the time of purchase. Typically when consumers buy new cars, their older, less-efficient vehicles are re-sold rather than being removed from the fleet. As long as older vehicles are still on the road polluting, it is hard to significantly reduce emissions. Plan Bay Area sets aside a total of

\$120 million for a voluntary incentive program to accelerate the removal of low-mpg vehicles from the region's roads. In return for trading in their car, which is retired from service, people can receive a cash incentive towards the purchase of a new plug-in hybrid or electric vehicle.

Regional Electric Vehicle Charger Network

BAAQMD, in partnership with regional and local partners, and auto manufacturers and service providers, is charting the Bay Area path for electric vehicle use in the Bay Area. The Electric Vehicle (EV) Readiness Plan, completed in late 2012, sets forth short-term strategies to increase EV usage. A long-term strategy is currently under development. Plan Bay Area supports this initiative with supportive strategies to help clean our air and cut the region's GHGs.

The Bay Area is expected to be a successful clean-vehicle market, but due to the limited range of today's all-electric vehicles (EVs) it is projected that many EV purchases will be plug-in hybrid electric vehicles (PHEVs) that can switch over to a gasoline engine once they have used up the energy in their batteries. Plan Bay Area allocates \$80 million to install more EV chargers at Bay Area workplaces. The proposed investment will allow vehicles to be charged during the day, ready to make the drive back home without using the gasoline engine.

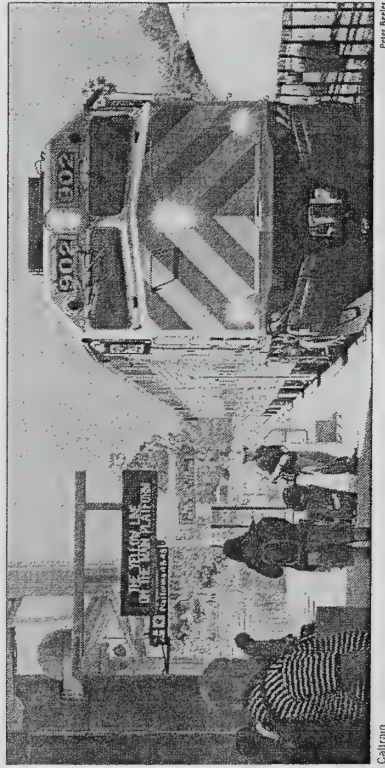


Climate Initiatives Innovative Grants

With the adoption of the Transportation 2035 Plan, MTC created a new Climate Initiatives Innovative Grant program and invested \$33 million in innovative and creative pilot grants to reduce greenhouse gas (GHG) emissions from the transportation sector. The grant categories included: Safe Routes to Schools, which encourages children to bike and walk to school; Parking Pricing; Transportation Demand Management, which includes strategies to reduce travel demand or shift demand in order to relieve congestion; and Showcase Projects, for creative ideas that did not fit neatly into the other categories. These grants are still being implemented and evaluated, but many of the pilot projects show promise in their potential to reduce GHG emissions. Plan Bay Area sets aside \$226 million to invest in the expansion of the most successful strategies identified in the innovative grants program.

Key Transit and Road Improvements

The following maps show priority transit and road projects from the Plan Bay Area Investment strategy. These projects reflect a mix of committed and discretionary investments, with local, state and federal investments all in support. The maps show key road and highway improvements, local transit projects, and regional transit projects. More details on these and other Plan Bay Area-funded projects and programs are available in the Online Project Database, listed in Appendix 1.



Regional Transit System Improvements*

BART Projects

- 1 BART Extension to San Jose/Santa Clara

Commuter Rail Projects

- 2 Caltrain Electrification & Frequency Improvements

- 3 Caltrain Downtown Extension (4th & King to Transbay Transit Center)

- 4 eBART to Antioch

- 5 SMART Commuter Rail (Larkspur to Windsor)

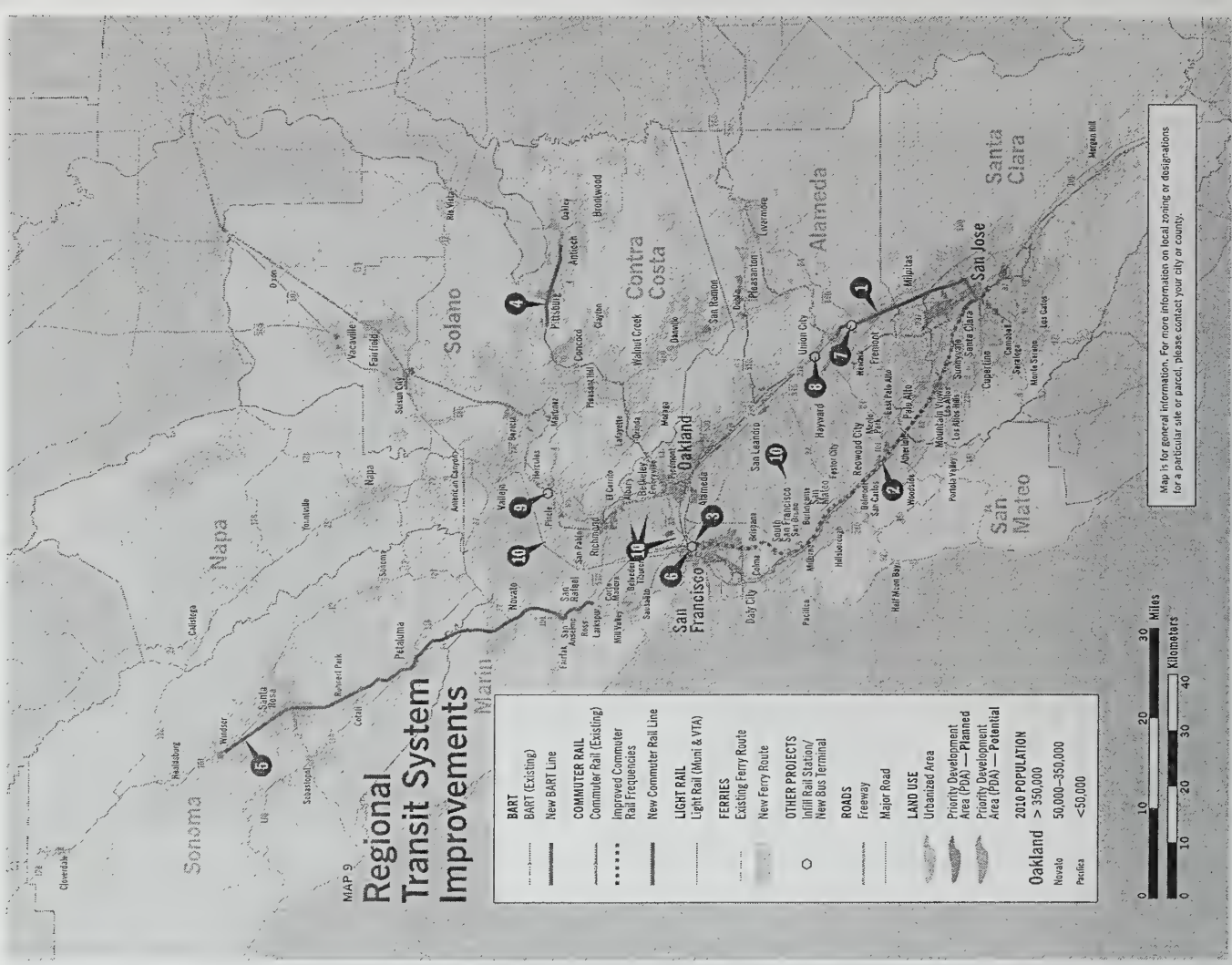
Ferry

- 10 New Ferry Routes: Treasure Island, Berkeley, Richmond, Hercules, Redwood City

Infill Stations & Bus Terminals

- 6 Transbay Transit Center
- 7 Irvington BART Station
- 8 Union City Commuter Rail Station
- 9 Hercules Commuter Rail Station

* For clarity, only major expansion projects or operational improvements with costs exceeding \$50 million are depicted.

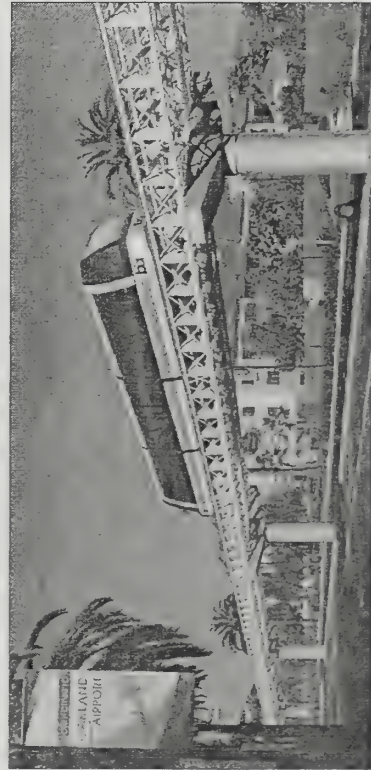


Local Transit Improvements*

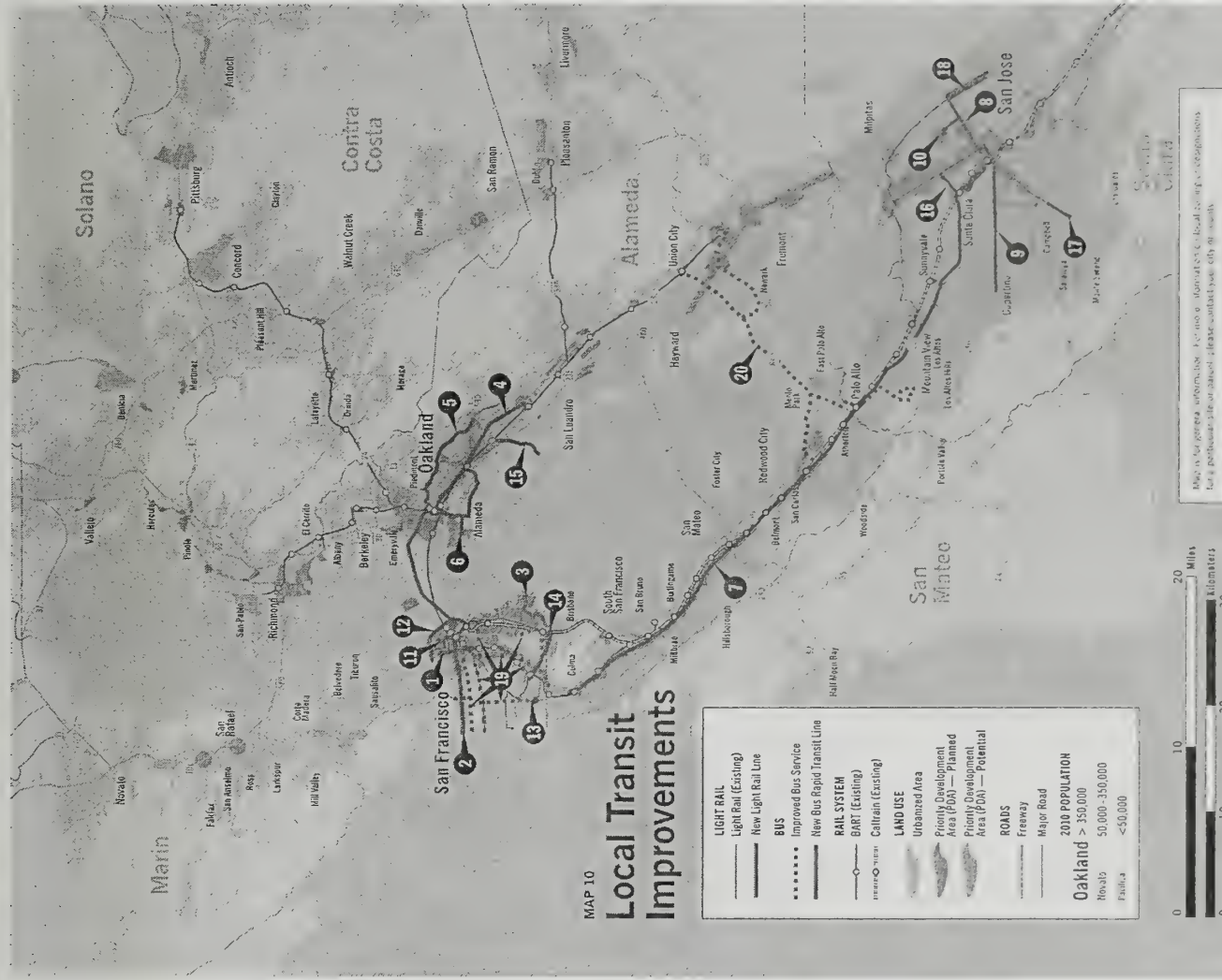
Bus Rapid Transit (BRT) Projects

- 1 Van Ness BRT
 - 2 Geary BRT
 - 3 Geneva-Harvey BRT
 - 4 East Bay BRT
 - 5 Grand-MacArthur BRT
 - 6 Alameda-Oakland BRT
 - 7 El Camino BRT
 - 8 Santa Clara-Alum Rock BRT
 - 9 Stevens Creek BRT
 - 10 King Road Rapid
- ### Light Rail (LRT) Projects
- 11 Central Subway (Chinatown to Caltrain)
 - 12 Embarcadero Streetcar (Fort Mason to Caltrain)
 - 13 Parkmerced Light Rail Extension
 - 14 Bayshore Light Rail Extension
 - 15 Oakland Airport Connector
 - 16 San Jose Airport People Mover
 - 17 Vasona Light Rail Extension
 - 18 Capitol Expressway Light Rail Extension
- ### Other Projects
- 19 Transit Effectiveness Project
 - 20 Dumbarton Express Bus Frequency Improvements

* For clarity, only major expansion projects with costs exceeding \$50 million are depicted.



Future Oakland Airport Caltrain BRT



Highway System Improvements*

US-101 Corridor

- 1 Widening from Story Road to Yerba Buena Road
- 2 Operational Improvements along Presidio Parkway/Doyle Drive and in the Twin Cities/Greenbrae Corridor
- 3 New Auxiliary Lanes from Oyster Point to San Francisco county line and from Marsh Road to Embarcadero Road
- 4 Interchange Improvements at: Petaluma Boulevard, Greenbrae, Candlestick Point, Produce Avenue, Broadway, SR-92, Woodside Road, Willow Road and Oregon Expressway
- 5 New Interchanges at: Zanker Road/Skyport Drive and Mabury Road/Taylor Street

I-680 Corridor

- 12 Interchange Improvements at: SR-84 and SR-4
- 13 New Interchange at: Norris Canyon Road

I-880 Corridor

- 14 Interchange Improvements at: Jackson Street, 23rd Avenue, 29th Avenue, A Street, Industrial Parkway, Whipple Road, and SR-262

SR-4 Corridor

- 15 Widening from Somersville Road to SR-160 and from Lone Tree Way to Balfour Road
- 16 Interchange Improvements at: SR-160/Phillips Lane

SR-12 Corridor

- 17 Jameson Canyon Widening
- 18 New Interchange at: Fulton Road

Other Projects

- 19 Willow Road Expressway (SR-84 to US-101)
- 20 SR-84 Widening (I-680 to Jack London Boulevard)
- 21 SR-262 Widening (I-680 to I-880)
- 22 SR-1 Widening (Fassler Avenue to Westport Drive)
- 23 Redwood Parkway/Fairground Drive Widening
- 24 SR-238 & SR-185 Operational Improvements
- 25 SR-85/SR-237 Interchange Improvements
- 26 SR-92/Clawiter Road/Whitesell Street Interchange Improvements

I-280 Corridor

- 9 Interchange Improvements at: SR-85 and Senter Road

I-580 Corridor

- 10 Widening from Greenville Road to North Flynn Road
- 11 Interchange Improvements at: Vasco Road and Greenville Road

* For clarity, only major expansion projects or operational improvements with costs exceeding \$50 million are depicted.

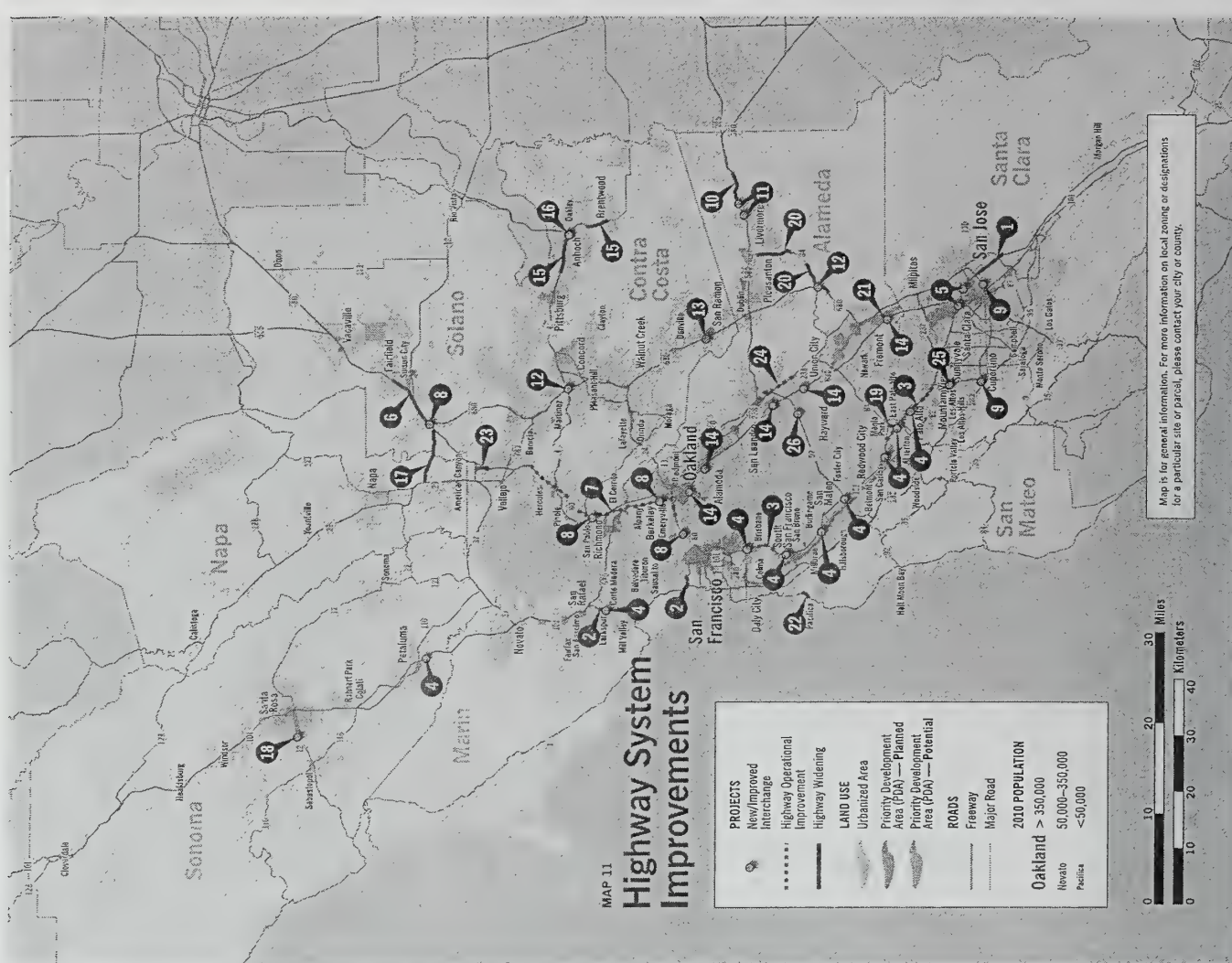


TABLE 24: Plan Bay Area Investment Strategy Summary – Discretionary Revenues
(in billions of YOY \$)

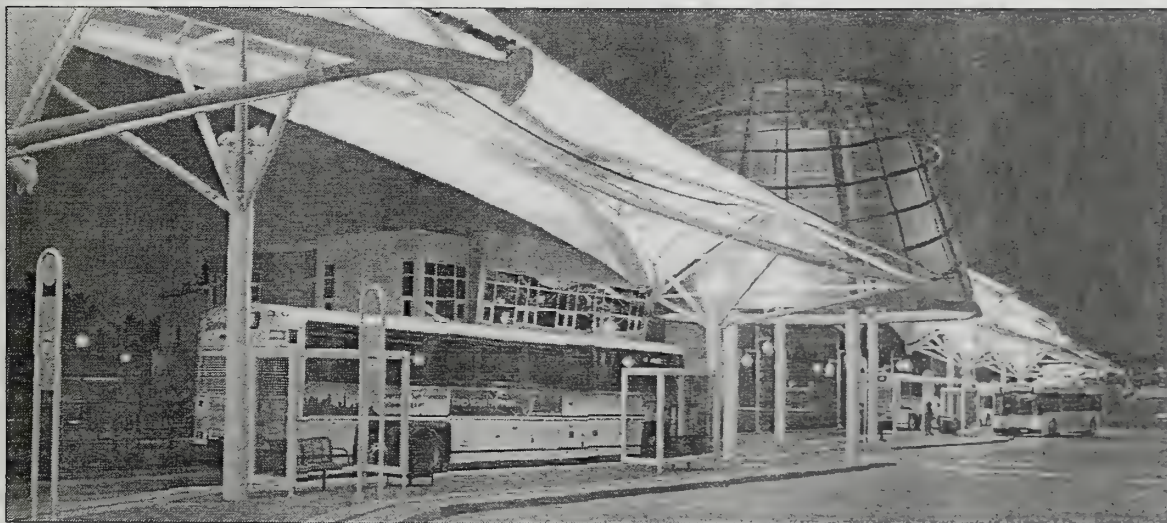
Strategy	Investment	% of Total
1 Maintain Our Existing System	\$15	25%
2 Build Next Generation Transit*	\$7	12%
3 Boost Freeway and Transit Efficiency	\$4	7%
4 Support Focused Growth – OBAG	\$14	23%
5 County Investment Priorities	\$16	27%
6 Protect Our Climate	< \$1	1%
7 Reserve	\$3	5%
Total	\$60	100%

*Includes \$2 billion in funds retained for future New/Small Starts and High-Speed Rail projects.

Summary

The investment strategies for the \$60 billion in discretionary revenue support key priorities that will help our region to surpass our per-capita greenhouse gas target, deliver the long-term land use strategy, maintain the infrastructure investments made by past generations, and provide for future economic growth. Table 24 above summarizes the investment strategies and their respective funding levels of discretionary revenue in Plan Bay Area.

Plan Bay Area also sets a path for the region to participate in and inform the California Transportation Plan (CTP 2040). This plan, scheduled for completion by the end of 2015, will integrate regional planning efforts from around the state into a comprehensive plan. CTP 2040 will address the state's mobility, reduce greenhouse gas emissions from the transportation sector, and define performance-based goals, policies and strategies to plan, enhance and sustain California's statewide, integrated, multimodal transportation system.



Vallejo Transit Center

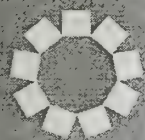
Karl Nielson

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BayArea Plan

July 2013

Strategy for a
Sustainable
Region



Association of
Bay Area
Governments



Metropolitan
Transportation
Commission

Final
Financial
Assumptions

Metropolitan Transportation Commission

Amy Rein Worth, Chair
Cities of Contra Costa County

Dave Cortese, Vice Chair
Santa Clara County

Alicia C. Aguirre
Cities of San Mateo County

Tom Azumbrado
*U.S. Department of Housing
and Urban Development*

Tom Bates
Cities of Alameda County

David Campos
City and County of San Francisco

Bill Dodd
Napa County and Cities

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Federal D. Glover
Contra Costa County

Scott Haggerty
Alameda County

Anne W. Halsted
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and Development Commission*

Steve Kinsey
Marin County and Cities

Sam Liccardo
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Sonoma County and Cities

Joe Pirzynski
Cities of Santa Clara County

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and Housing Agency*

James P. Spering
Solano County and Cities

Adrienne J. Tissier
San Mateo County

Scott Wiener
San Francisco Mayor's Appointee

Association of Bay Area Governments

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County of Napa
President

Mayor Julie Pierce,
City of Clayton
Vice President

Representatives From Each County

Supervisor Richard Valle
Alameda

Supervisor Scott Haggerty
Alameda

Supervisor Karen Mitchoff
Contra Costa

Supervisor John Gioia
Contra Costa

Supervisor Katie Rice
Marin

Supervisor Mark Luce
Napa

Supervisor Eric Mar
San Francisco

Supervisor Warren Slocum
San Mateo

Supervisor Dave Pine
San Mateo

Supervisor Mike Wasserman
Santa Clara

Supervisor David Cortese
Santa Clara

Supervisor Linda Seifert
Solano

Supervisor David Rabbitt
Sonoma

Representatives From Cities In Each County

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City of Fremont
Alameda

Mayor Tim Sbranti,
City of Dublin
Alameda

Mayor Julie Pierce,
City of Clayton
Contra Costa

Councilmember Dave Hudson,
City of San Ramon
Contra Costa

Mayor Pat Eklund,
City of Novato
Marin

Mayor Leon Garcia,
City of American Canyon
Napa

Mayor Edwin Lee
City And County of San Francisco

**Jason Elliott, Director, Legislative/
Government Affairs, Office of the Mayor**
City And County of San Francisco

Joaquin Torres, Office of the Mayor
City And County of San Francisco

Councilmember Pedro Gonzalez,
City of South San Francisco
San Mateo

Vice Mayor Richard Garbarino,
City of South San Francisco
San Mateo

Councilmember Joe Pirzynski,
City of Los Gatos
Santa Clara

Councilmember Ronit Bryant,
City of Mountain View
Santa Clara

Mayor Harry Price,
City of Fairfield
Solano

Mayor Jean Quan
City of Oakland

Councilmember Libby SchAAF
City of Oakland

Councilmember Desley Brooks
City of Oakland

Councilmember Sam Liccardo
City of San Jose

Councilmember Kansen Chu
City of San Jose

Councilmember Ash Kalra
City of San Jose

Advisory Members

William Kissinger
Regional Water Quality Control Board

Financial Assumptions

Funds to implement Plan Bay Area come from federal, state, regional, and local funding sources. Many funding sources and programs have specific purposes and eligibility restrictions, while various funding sources and programs provide flexibility. The following section details the fund sources and their respective funding programs of Plan Bay Area's revenue projections. The revenues detailed in the following section are presented in Table 2-1. The 28-year period begins in Fiscal Year (FY) 2012-13 and extends through FY 2039-40.

Projected revenues in Plan Bay Area reflect Fiscal Constraint as required by 23 CFR part 450.322. Forecasted revenues are presented in nominal, or "year-of-expenditure dollars" and consist of all revenues that are "reasonably expected to be available" within the plan period.

Federal Funding

Federal transportation revenues are generated through a Federal fuel excise tax (18.4 cents a gallon of gasoline and 24.4 cents a gallon of diesel fuel). The generated revenues are deposited into the Highway Trust Fund (HTF). Generally, about 85% of the HTF revenues are directed to the Highway Account and the remaining 15% of the HTF revenues are directed to the Transit Account.

At the time the revenue forecasts for Plan Bay Area were prepared, the transportation funding framework that was in place for federal funds was the Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users (SAFETEA). On July 5, 2012, President Obama signed into law the Moving Ahead for Progress in the 21st Century Act (MAP-21). This new two-year bill builds upon past multimodal policies, consolidates certain funding programs, and establishes a framework for performance-based planning and policies. Although the signing of MAP-21 made some modest changes in the way that transportation programs are funded at the federal level, there was no significant change in the overall amounts and intended purpose of funding from SAFETEA.

Federal Highway Administration (FHWA) Funding

The federal highway program is assumed to continue in its current form. Surface Transportation Program (STP), Congestion Mitigation and Air Quality Improvement (CMAQ) Program and Highway Bridge funds are assumed to grow at a rate of 3-percent annually. Base year revenue is set at the SAFETEA nationally authorized level for fiscal year (FY) 2009-10, and the Bay Area is projected to receive its historically proportionate share of these programs.

Federal Transit Administration (FTA) Funding

Federal Transit Administration programs — Sections 5307, 5309, 5310, 5311, 5316 and 5317 — are based on the FY 2009-10 nationally authorized levels and are assumed to

grow at a rate of 3 percent annually. The Bay Area is assumed to receive its historical proportionate share. MAP-21 consolidates some of these programs (as noted on the Revenue Projections chart at the end of this section) and creates other new funding programs but the overall level of federal funding for transit remains similar to that under SAFETEA.

State Funding

State transportation revenues are generated through a State fuel excise tax (18 cents a gallon of gasoline and 13 cents a gallon of diesel fuel), truck weight fees, a fuel tax swap that eliminated the state sales tax on gasoline and instead imposed an additional excise tax on gasoline that would fluctuate annually to remain revenue neutral with the former sales tax, and a general state sales and use tax. Senate Bill 45 (SB 45) 1997 establishes the program structure and distribution formulas for most state transportation funds. These assumptions are based on a continuation of SB 45.

The state funding programs estimated to be available over the 28-year period to the Bay Area region include: the State Highway and Operations Program (SHOPP), the State Transportation Improvement Program (STIP), State Transit Assistance (STA), and funds for local street and road maintenance and operations through gas tax subvention funds and the fuel tax swap (AB 105). In addition, revenues from state bond programs are included under state funding. Proposition 1B, the Highway Safety, Traffic Reduction, Air Quality and Port Security Bond Act, approved by voters in 2006, provides funding for a variety of transportation programs. Proposition 1A, the Safe, Reliable High-Speed Passenger Train Bond Act, passed by voters in November 2008, will help to finance construction of a high-speed rail link between San Francisco and San Diego.

Assumptions concerning fuel price and consumption growth are consistent with the MTC travel demand model and the EMFAC 2007 forecasting software. Fuel consumption estimates reflect an assumption that the state gasoline consumption will decline at an increasing rate until 2020 and then grow slowly at a constant long-term rate. The decline in the initial years for consumption is attributable to the improvements in the fuel efficiency of the fleet as brought about by AB 1493 (Pavley), Phase 1. Fuel prices are expected to grow at approximately 8 percent annually until 2020, and at approximately 3 percent annually thereafter.

SHOPP

SHOPP revenues are based on funding levels and growth rates assumed in the 2010 STIP Fund Estimate. The share of SHOPP funds assumed to flow to the Bay Area over the 28-year period is based on historical expenditure averages as reported in the 2006 SHOPP plan.

STIP

STIP funds and STIP TE funds are consistent with the estimates of the 2010 STIP Fund Estimate and are distributed 75 percent to the Regional Transportation Improvement

Program (RTIP) and 25 percent to the Interregional Transportation Improvement Program (ITIP). The RTIP funds are further distributed, consistent with the formula specified in SB 45. STIP revenues are assumed to maintain the current structure and distribution formula, as laid out in SB 45, over the 28-year period. Revenue projections and regional distribution shares for state funds are based on FY 2009-10 levels.

STA

STA program revenues are distributed 50 percent to the Population-Based program, and 50 percent to the Revenue-Based program. STA program revenues are based on current funding formulas and projections for fuel price and consumption growth consistent with MTC's travel demand model and the EMFAC 2007 forecasting software. The revenue forecast assumes that the STA program is funded primarily through the 1.75 percent sales tax on diesel that was instituted by the 2010 gas tax swap legislation (AB 6 and AB 9), and revenue transfers from the Public Transportation Account (PTA). The regional shares of both the Population-Based and Revenue-Based programs are based on the state controller's distribution factors for FY 2010-11. All distribution factors are assumed fixed for the duration of the forecast.

Gas Tax Subventions

Gas tax subvention revenues are assumed to maintain the current structure and distribution formula, as laid out in SB 45, over the 28-year period. Revenue projections and regional distribution shares for state funds are based on FY 2009-10 levels.

Fuel Tax Swap (AB 105)

The fuel tax swap, enacted in 2011, eliminates the state sales tax on gasoline and instead imposes an additional excise tax on gasoline that is adjusted annually to remain revenue neutral with the former sales tax. Fuel tax swap revenues are assumed to maintain the current structure and distribution formula over the 28-year period. Revenue projections and regional distribution shares for state funds are based on FY 2009-10 levels.

Proposition 1B

Proposition 1B, the Highway Safety, Traffic Reduction, Air Quality and Port Security Bond Act, approved by voters in 2006, provides funding for a variety of transportation programs. Senate Bill 88 (2007) lays out the structure and distribution method for several of the bond programs. For those programs that do not yet have a structure or distribution formula in place on which to base assumptions regarding the region's share of these funds, it was assumed that the Bay Area's share of the funding would be proportionate to the region's share of population relative to the rest of the state. The revenue forecast for Plan Bay Area includes estimates of the Bay Area's remaining share of Proposition 1B programs beyond what has been received or programmed through FY 2011-12.

Traffic Congestion Relief Program (TCRP)

TCRP is a series of legislative projects throughout California to improve traffic mobility and relieve congestion, provide for safe and efficient movement of goods, and provide

system connectivity. The revenue estimate includes the Bay Area's share of Tier I and Tier II projects.

High Speed Rail

Revenues forecasted to become available for high-speed rail include approximately \$1.5 billion from California's Proposition 1A (2008), the Safe, Reliable High-Speed Passenger Train Bond Act. This act authorized \$10 billion in general obligation rail bond proceeds to help finance construction of a high-speed rail link between San Francisco and San Diego. Estimates of the Bay Area's share of revenue from Proposition 1A include just over \$400 million from the act's formula-based local connectivity program and approximately \$1.1 billion as the Bay Area's proportional share of the remaining bond revenues. It was also assumed that the region would receive 12.5 percent, or \$1.5 billion, of federal revenues that are expected to become available to finance the project. The region's share was estimated based on the percentage of the entire high-speed rail project funding that is estimated to be invested in the Bay Area.

Cap-and-Trade

Revenues generated from the Cap-and-Trade program are projected to be available starting in FY 2014-15. Approximately 40% of generated revenues are expected to be invested into transportation, of that, 40% is expected to be distributed to regional transportation planning agencies based on their share of total population. Plan Bay Area proposes establishing a reserve account for projected Cap-and-Trade revenues to be used for transit-oriented affordable housing, for transit operating and capital rehabilitation/replacement, and for local street and road rehabilitation, consistent with the focused land use strategy outlined in Plan Bay Area.

Regional Funding

Regional transportation revenues are generated through a number of sources, including: general sales and use taxes, bridge tolls, express lanes, and a regional excise tax on gasoline.

Assembly Bill 1107 (AB 1107)

Revenues from AB 1107 (1977), the half-cent sales tax for the three BART counties of Alameda, Contra Costa and San Francisco, are distributed 75 percent to BART, and 25 percent to MTC. Revenues are assumed to grow at a rate derived by taking a weighted average of sales tax growth rates estimated by the Association of Bay Area Governments within the three counties.

Bridge Toll

Bridge toll revenues are based on projected travel demand on the region's seven state-owned toll bridges. Toll-paid travel on the bridges is projected to grow at varied annual rates of between 0.3 and 0.5 percent over the 28-year period. It was assumed that in FY 2018-19, there would be a \$1 increase in non-carpool vehicle toll on all state-owned bridges.

Regional Express Lanes

Regional Express Lane Network revenues included in the financially constrained plan represent projected gross toll revenue for express lanes in Solano, Contra Costa and Alameda counties, which will be operated by MTC, the Alameda County Transportation Commission and Sunol Smart Carpool Lane Joint Powers Authority. Over the course of the Plan Bay Area period, these revenues will be wholly dedicated to meet the operations, maintenance, rehabilitation and capital financing of the Network. The revenue estimates are from MTC's 2011 application to the California Transportation Commission. The financial plan also includes toll revenues from express lanes in Santa Clara County, which are considered Committed.

Regional Gas Tax

Regional gas tax revenues included in the financially constrained plan represent revenues collected from a regional 10 cent excise tax on gasoline beginning in FY 2017-18. The revenue estimate is based on the Bay Area's share of statewide gasoline consumption.

Local Funding

The majority of funds that support Plan Bay Area come from local funding sources, primarily dedicated sales tax programs, revenues dedicated to local street and road maintenance and operations, transit fares and other transit revenues, and other local pricing initiatives.

Sales and Use Taxes

County and transit district transportation sales tax revenues in Alameda, Contra Costa, Napa, Marin, San Francisco, San Mateo, Santa Clara and Sonoma counties are based on estimates provided by the respective sales tax authorities in those counties. Measures that are set to expire within the 28-year period are assumed to be renewed, and/or augmented, as in the case of Alameda County. Where they do not currently exist, transportation sales tax measures were not assumed in the financially constrained plan.

Transportation Development Act (TDA)

TDA revenue, derived from the statewide quarter-cent sales tax, is estimated based on a multivariate regression model developed by the Association of Bay Area Governments. This model takes into account several demographic and economic factors such as median income, regional employment and population growth. The data points used in the model to estimate TDA revenue are consistent with the demographic estimates used in the Sustainable Communities Strategy element of Plan Bay Area.

Local Streets and Roads

Local streets and roads revenue includes funds made available from local sources (not including county transportation sales tax measures). Local revenue estimates are based on information provided to MTC by local agencies in response to a comprehensive

survey. A region-wide growth rate based on historical averages was applied to these revenues over the 28-year period.

All Other Local Revenues

Operator-specific revenue projections including transit fares, VTA Express Lane tolls, San Francisco pricing initiatives, Golden Gate Bridge tolls, AC Transit and BART property taxes, AC Transit parcel taxes, BART seismic bond proceeds, and San Francisco Municipal Transportation Agency general fund and parking revenue, have been provided by the respective operators.

Anticipated Funding

The inclusion of “Anticipated” revenues in the financially constrained plan strikes a balance between the past practice of only including specific revenue sources currently in existence or statutorily authorized, and the more flexible federal requirement of revenues that are “reasonably expected to be available” within the plan period.

MTC performed a retrospective analysis of projections for predecessor long-range plans, including a review of unexpected revenues that had come to the region but had not been anticipated or included in these projections. Over a 15-year analysis period, the San Francisco Bay Area received an annualized amount of roughly \$400 million (in 2011 dollars) from these “unanticipated” fund sources. These revenue sources include Traffic Congestion Relief Plan, Proposition 42, nonformula federal funds, Proposition 1B, and American Recovery and Reinvestment Act funding. For each fund source, only the amount distributed to the Bay Area was included. Based on this retrospective analysis, MTC believes it is reasonable to anticipate that additional revenues will become available to the region over the course of the Plan Bay Area period. MTC generated an estimate of these anticipated revenues by projecting the \$400 million figure forward at a 3 percent annual growth rate. To be conservative, these revenues are not assumed in the first five years of the plan.

Table 1. Plan Bay Area Revenue Projections

(In Escalated \$)

Revenue Source	Plan Bay Area Revenue Assumptions	FY 2012-13 Revenue Estimate (\$ millions)	Plan Bay Area 28-Year Revenue (\$ billions)
FEDERAL			
FHWA Surface Transportation Program (STP)	Base Year: FY 2009 – 10 Data Source: FTA Growth Rate: 3% nominal	\$97.4	\$4.2
FHWA Congestion Mitigation and Air Quality (CMAQ)	Base Year: FY 2009 – 10 Data Source: FTA Growth Rate: 3% nominal	\$88.9	\$3.8
FHWA Ferry Boat Discretionary	Base Year: FY 2009 – 10 Data Source: FHWA Growth Rate: 3% nominal	\$3.3	\$0.1
FHWA Bridge/Safety Program	Base Year: FY 2009 – 10 Data Source: FHWA Growth Rate: 3% nominal	\$62.3	\$2.7
FTA 5307 Urbanized Area Formula	Base Year: FY 2009 – 10 Data Source: FTA Growth Rate: 3% nominal	\$237.0	\$10.2
FTA 5309 Fixed Guideway (Now 5339 State of Repair)	Base Year: FY 2009 – 10 Data Source: FTA Growth Rate: 3% nominal	\$142.5	\$6.1
FTA 5309 Bus	Base Year: FY 2009 – 10 Data Source: FTA Growth Rate: 3% nominal	\$4.5	\$0.2
FTA 5309 New Starts	Assumes 5% share of total Federal program based on 5-year average of MTC full funding grant agreements	N/A	\$3.8
FTA 5309 Small Starts	Assumes 5% share of total Federal program based on 5-year average of MTC full funding grant agreements	N/A	\$0.7
FTA 5310 Elderly and Disabled	Base Year: FY 2008 – 09 Data Source: FTA Growth Rate: 3% nominal	\$3.4	\$0.1
FTA 5311 Non-Urbanized Area Formula	Base Year: FY 2008 – 09 Data Source: FTA Growth Rate: 3% nominal	\$1.5	\$0.1

FTA 5316 Jobs Access and Reverse Commute (JARC) (Now part of FTA 5307 Formula)	Base Year: FY 2009 – 10 Data Source: FTA Growth Rate: 3% nominal	\$2.8	\$0.1
FTA 5317 New Freedom (Now part of FTA 5310 Elderly & Disabled)	Base Year: FY 2009 – 10 Data Source: FTA Growth Rate: 3% nominal	\$2.2	\$0.1
FTA 5303 Planning	Base Year: FY 2011 – 12 Data Source: FTA Growth Rate: 3% nominal	\$0.9	\$0.0
High-Speed Rail	Assumes % share of total CHSRP (12.5% of \$20B) \$10B from state prop 1A bonds and \$10B in Federal contributions	N/A	\$1.3
FEDERAL SUBTOTAL		\$646.7	\$33.5
STATE			
State Highway Operations and Protection Program (SHOPP)*	Assumption Base: 2010 STIP FE and estimate of gas tax subvention revenue Distribution Base: Bay Area historical share of total funds	\$434.0	\$14.1
STIP - Regional Transportation Improvement Fund (RTIP)*	Assumption Base: 2010 STIP FE and estimate of gas tax subvention revenue Distribution Base: Bay Area historical share of total funds	\$106.3	\$6.0
STIP - Interregional Road/Intercity Rail (ITIP)*	Assumption Base: 2010 STIP FE and estimate of gas tax subvention revenue Distribution Base: Bay Area historical share of total funds	\$25.4	\$1.5
STIP - Transportation Enhancement (TE)	Data Source: 2010 STIP FE	\$25.5	\$1.1
State Transit Assistance (STA) Population-Based - PUC 99313	Assumption Base: Estimate of diesel sales tax and excise tax revenue Distribution Base: FY 2010-11 distribution factors derived from state 2010 population estimates	\$35.0	\$2.2

State Transit Assistance (STA) Revenue-Based - PUC 99314	Assumption Base: Estimate of diesel sales tax and excise tax revenue Distribution Base: Based on FY 2010-11 State Controller's factors	\$95.9	\$6.1
Gas Tax Subvention	Assumption Base: Estimate of Fuel excise tax revenue Distribution Base: Bay Area share of registered vehicle, road mileage, and population	\$171.2	\$4.2
AB 105 Revenue for Local Streets and Roads	Assumption Base: Estimate of the AB 9 portion of the Gas Tax Swap for LSR Distribution Base: Bay Area share of registered vehicle, road mileage, and population	\$140.9	\$8.5
Proposition 1B	Based on existing law or estimates of region's relative share for both competitive and formula-based programs--All shares are 20% except for Transit, Transit Security, SLPP, TCIP, and CMIA	N/A	\$0.4
Traffic Congestion Relief Program (TCRP)	Estimate is equal to the dollar amount of all Tier I and Tier II projects for the Bay Area, beginning in 2013	N/A	\$0.1
High-Speed Rail	Assumes % share of total CHSRP (12.5% of \$20B) \$10B from state Proposition 1A bonds and \$10B in Federal contributions	N/A	\$1.3
Cap-and-Trade	Assumes % share of total revenues Only revenues from FYs 2015 - 2040 are included in forecast	N/A	\$3.1
STATE SUBTOTAL		\$1,034.2	\$48.6
REGIONAL			
AB 1107 1/2-cent Sales Tax in three Bart Counties (BART Share - 75%)	Base Year: FY 2009-10 Growth Rate: Growth rates derived from the TDA estimates provided by ABAG	\$181.4	\$7.5

AB 1107 ½-cent Sales Tax in three Bart Counties (MTC Share - 25%)	Base Year: FY 2009-10 Growth Rate: Growth rates derived from the TDA estimates provided by ABAG	\$60.5	\$2.5
BATA Base Toll Revenues	Base Year: FY2008-09 Growth Rate: Varied (0.3% - 0.6%)	\$119.4	\$3.1
Seismic Retrofit		\$116.4	\$3.4
RM2		\$116.4	\$3.4
Seismic Surcharge		\$116.4	\$3.4
Seismic Surcharge + Carpool		\$131.5	\$3.9
AB 664		\$12.6	\$0.4
2% Toll Revenues		\$2.9	\$0.1
5% State General Fund		\$3.1	\$0.1
Rail Extension East Bay*		\$7.2	\$0.1
Rail Extension West Bay		\$3.1	\$0.1
AB 1171*		N/A	\$0.3
New Bridge Tolls		N/A	\$2.7
Transportation Fund for Clean Air (TFCA)/AB 434 (Regional Funds)	Base Year: FY 2009-10 Growth Rate: MTC estimate based on Vehicle Registration data	\$13.9	\$0.4
Service Authority for Freeway and Expressways (SAFE)	Base Year: FY 2009-10 Growth Rate: Estimate provided by Jaime M and Danielle S	\$5.8	\$0.2
Regional Express Lane Revenues	Planning Model	N/A	\$5.4
Regional Gas Tax (\$0.10)	Assumption Base: Estimate of Fuel Consumption Distribution Base: Bay Area share of population Only revenues from FYs 2018 - 2040 are included in forecast	N/A	\$5.1
REGIONAL SUBTOTAL		\$890.6	\$42.0
LOCAL			
County Sales Tax Measures	Base Year: FY 2009-10 Growth Rate: Growth rates provided by County Transportation Authority sales tax agencies	\$814.1	\$26.8
Sales Tax Reauthorizations	Base Year: FY 2009-10 Growth Rate: Growth rates provided by County Transportation Authority sales tax agencies	N/A	\$12.9

Transportation Development Act (TDA)	Base Year: FY 2009-10 Growth Rate: Growth rates provided by ABAG	\$279.4	\$12.7
Transit Fare Revenues	Base Year: FY2009-10 Data Source: Each operator Growth Rate: Based on operators' estimates	\$801.1	\$36.2
Transit Non-Fare Revenues	Base Year: FY2009-10 Data Source: Each operator Growth Rate: Based on operators' estimates	\$213.2	\$16.6
San Francisco General Fund (SFMTA)	Base Year: FY2009-10 Data Source: SFMTA Growth Rate: SFMTA estimates	\$188.2	\$7.7
San Francisco Parking Revenue (SFMTA)	Base Year: FY2009-10 Data Source: SFMTA Growth Rate: SFMTA estimates	\$107.7	\$6.3
Property Tax	Base Year: FY2009-10 Data Source: Operator Survey for BART, AC Transit, and Alameda Ferry	\$94.6	\$4.5
AC Transit Parcel Tax	Base Year: FY 2009-10 Data Source: AC Transit Survey	\$29.3	\$0.8
Local Streets and Roads	Base Year: FY 2009-10 Data Source: LS&R surveys, MTC Projections Growth Rate: Weighted according to each jurisdiction's mix of funds per expenditure category	\$394.8	\$15.0
Golden Gate Bridge	Base Year: FY2006-07 Data Source: MTC Model Growth Rate: Based on Traffic Growth	\$101.0	\$3.0
Transportation Fund for Clean Air (TFCA)/AB 434 (Local Funds)	Base Year: FY2009-10 Data Source: Local Agencies	\$9.3	\$0.3
Existing County-wide Vehicle Registration Fee (\$10)	\$10 fee in all Alameda, Marin, San Francisco, San Mateo, and Santa Clara Counties	\$40.5	\$1.3
Land Sales and Developer Revenues	Proceeds from land sales related to Plan Bay Area related projects; per sponsoring agencies	N/A	\$1.0
BART General Obligation Seismic	Proceeds from bond measure	N/A	\$0.2

Bond	expected within FYs 2013-2040; per BART		
San Francisco Treasure Island Pricing Revenues	Estimates provided by San Francisco County Transportation Authority	N/A	\$2.5
VTA Express Lane Revenues	Estimates provided by Santa Clara Valley Transportation Authority	N/A	\$3.0
Other Local	Development fees and other local revenues; per sponsoring agencies	N/A	\$2.9
LOCAL SUBTOTAL		\$3,073.2	\$153.7
ANTICIPATED/UNSPECIFIED			
Anticipated	Base Year: FY 2013 Growth Rate: 2.2% Data Source: Retrospective analysis of a 15-year period Only revenues from FYs 2018 - 2040 are included in forecast	N/A	\$14.0
GRAND TOTAL		\$5,645	\$292

**28-Year revenue net of programming and allocations for FY 2013 and beyond*

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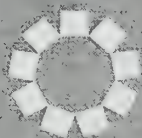
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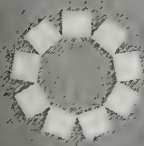
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Local Streets and Roads Needs and Revenue Assessment

The Bay Area's local street and road (LS&R) network includes nearly 42,500 lane miles of roadway, and includes a lot more than just the paved surfaces used for travel by cars, buses, trucks and bicycles. The LS&R system also includes curbs and gutters, sidewalks, storm drains, traffic signs, signals and lights. These "non-pavement" items are necessary for functioning street and road network. All trips begin and end on a local street and road and all modes of surface travel rely on the local street and road infrastructure.

The average condition of the Bay Area's LS&R network, rated on a scale of 0 to 100, is currently at 66. This pavement condition index (PCI) places the region's roadway network in the "fair" category. The classifications used to rate LS&R pavements are shown in the table below.

Table1. Pavement Condition Categories

Very Good-Excellent (PCI = 80-100)	Pavements are newly constructed or resurfaced and have few if any signs of distress
Good (PCI = 70-79)	Pavements require mostly preventive maintenance and have only low levels of distress, such as minor cracks or spalling, which occurs when the top layer of asphalt begins to peel or flake off as a result of water permeation.
Fair (PCI = 60-60)	Pavements at the low end of this range have significant levels of distress and may require a combination of rehabilitation and preventive maintenance to keep them from deteriorating rapidly.
At Risk (PCI = 50-59)	Pavements are deteriorated and require immediate attention including rehabilitative work. Ride quality is significantly inferior to better pavement categories.
Poor (PCI = 25-49)	Pavements have extensive amounts of distress and require major rehabilitation or reconstruction. Pavements in this category affect the speed and flow of traffic significantly.
Failed (PCI = 0-24)	Pavements need reconstruction and are extremely rough and difficult to drive on.

While the region's average pavement condition is still in the fair category, it is important to note that the deterioration curve of a typical pavement is exponential, and not linear. As shown in Figure 1 below, a new pavement will deteriorate slowly for the first 15 years of its standard 20 year life span. Once it reaches a PCI of 60, it will begin to deteriorate rapidly. Without any intervention, the pavement will drop from the fair category to the "failed" category in the next five years. This deterioration holds serious implications for

the cost of system preservation. Pavements that are still in good condition (a PCI of 70 or above) can be preventively maintained at a low cost, whereas pavements that need significant rehabilitation or reconstruction require five to 15 times the amount of funding.

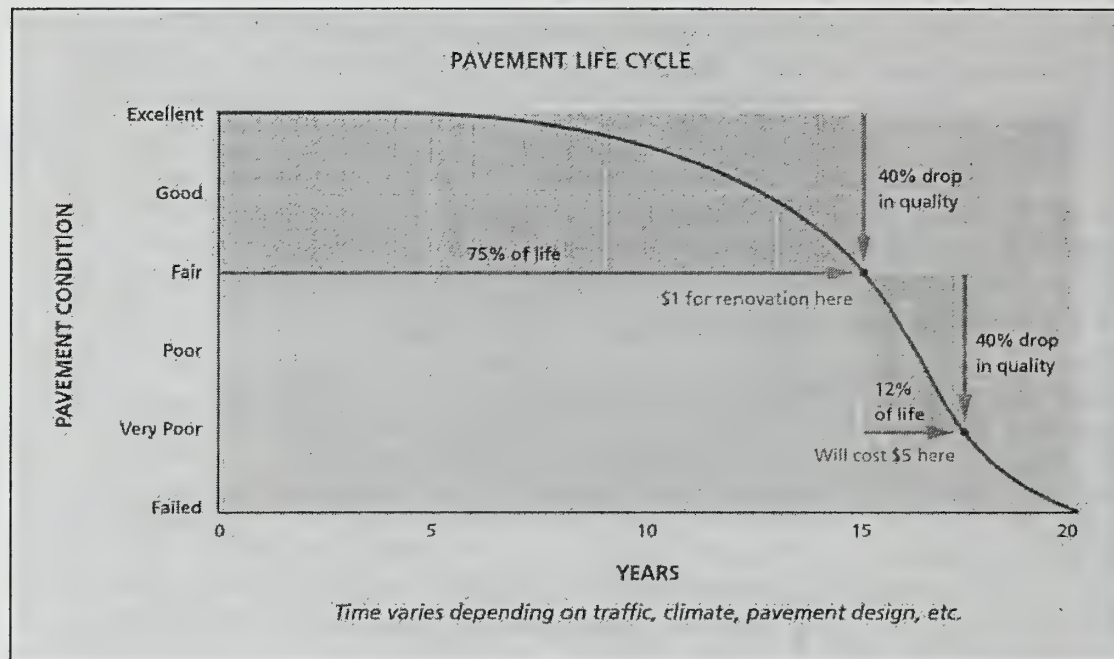


Figure 1. Pavement Life Cycle Curve

Unfortunately, local and state revenues available for system preservation have not kept pace with the needs. In response, Plan Bay Area provides regional funding through the One Bay Area Grant (OBAG) program to help meet some of the LS&R system preservation needs in the region. Within OBAG, sufficient funding is provided to help the region maintain pavement quality in the fair condition.

Local Street and Road Revenue Projections

The Metropolitan Transportation Commission (MTC) has been documenting LS&R system preservation needs and revenues for cities and counties in the Bay Area since the early 1980s in order to understand the complete funding picture for LS&R. The following sections describes the projection process that was undertaken to determine the LS&R system preservation needs and revenues for Plan Bay Area and the resulting estimates.

Needs

For Plan Bay Area, MTC staff evaluated how much funding will be needed to preserve the LS&R system over the 28-year plan period (Fiscal Years 2013 to 2040). System preservation consists of activities that extend the useful life of the roadway asset by five or more years. This category can be further broken down into preservation for pavements and

non-pavement assets (sidewalks, storm drains, traffic signals, curb and gutter, etc.). It is important to note that system preservation needs do not include the cost of “operations” which consist of routine maintenance such as pothole filling, street sweeping and striping, as well as overhead expenses. Operations costs were calculated separately and total \$14 billion for the region.

The system preservation needs were calculated for two different “condition level” scenarios in order to better inform future trade-off discussions related to Plan Bay Area.

- 1.) **Maintain Existing PCI** – Local jurisdictions maintain the existing pavement condition index (PCI) but deferred maintenance costs are allowed to grow.
- 2.) **State of Good Repair** – The LS&R system reaches the target condition level, a PCI of 75, within the first ten years and is maintained at that level for the duration of the Plan period

To maintain existing PCI conditions, approximately \$32.5 billion is needed, and to reach the target PCI of 75 for pavement, with a corresponding condition level for non-pavement assets, an investment of nearly \$45 billion is needed over the next 28 years.

In November, 2010, MTC staff surveyed all 109 local jurisdictions for information on pavement treatment unit costs, non-pavement asset inventories and revenues available for LS&R capital maintenance and operation activities. Survey information, combined with condition, inventory and cost data derived from jurisdiction’s StreetSaver® pavement management system databases, is used to calculate the long-range LS&R needs and revenues.

Pavement Need

Maintain Current PCI Scenario:

For this scenario, staff utilized MTC’s pavement management system software, StreetSaver®’s, “Target-PCI Driven” module to determine the needs over the 28-year plan period. With the Target-Driven scenario calculation, the pavement network is maintained at the desired state (in this case the current/existing PCI for each jurisdiction) at the minimum cost, while identifying the best combination of projects to maximize treatment effectiveness. The timing of applying treatments makes a significant difference in future investment needs. Each jurisdiction’s target PCI was set to remain at the current level over the 28-year plan period. The costs were escalated at a 2.2% annual growth rate, consistent with the inflation rate that is assumed for Plan Bay Area. The 28-year total pavement need for each jurisdiction was then summed at the county level.

State of Good Repair Scenario:

The optimal scenario represents the cost of attaining the regional goal of a PCI of 75. To calculate this need, StreetSaver® was used to determine how much funding would be needed for each jurisdiction to reach a PCI of 75 within the first ten years of the analysis period, and then to maintain that PCI level for the duration of the 28 years. Maintenance costs were escalated at a 2.2% annual growth rate.

Non-Pavement Need

To estimate the Non-Pavement needs on the LS&R system, MTC used a model prediction model that uses information provided by local jurisdictions on non-pavement asset inventory and useful life to estimate long term costs to maintain non-pavement assets. Through the development of the model, it was determined that replacement costs can be predicted by the inventory of two non-pavement assets - curb and gutter and streetlights. The total regional non-pavement asset replacement cost is then divided by the average useful life for each of the major non-pavement asset groups - storm drains, sidewalks, curb & gutter, street signs and street lights - in order to estimate an annual preservation cost. The regional totals are then divided into city non-pavement need and county non-pavement need. The city need is distributed across all jurisdictions based on relative population share and the county need is distributed across the unincorporated jurisdictions based on total lane mileage. San Francisco was considered as a city only.

Since the model only provides a total non-pavement need under an "unconstrained" scenario (assumes there are revenues available to meet required needs and deferred maintenance is not a factor) a ratio of unconstrained pavement to non-pavement need was calculated, by jurisdiction, and applied to the pavement need in both scenarios in order to estimate the corresponding non-pavement needs for each.

Revenues

Information derived from a recent survey of all Bay Area jurisdictions was used to determine revenues for LS&R maintenance derived from local and county sources, as well as to determine the categorical split—pavement maintenance, non-pavement, operations and new construction—by which each jurisdiction expends revenues available for LS&R maintenance. While all revenues available for LS&R maintenance and operations were estimated, only revenues available for pavement and non-pavement system preservation were used in this assessment. Revenues estimated to be used for operations and new construction, were not considered.

For the local and county generated revenue sources, an annual average was determined based on five years worth of each jurisdiction's budget data. In order to generate the annual average, only the values within one standard deviation were taken into account. This helps to eliminate any one-time spikes or severe reductions in funding. The annual average was then grown over the 28-year period. The growth rate used for locally generated revenue was 2.2% (based on the assumed inflation rate for Plan Bay Area) and the growth rate used for countywide sales tax measure revenue was based on information provided by the county sales tax authorities.

Projections of revenue for county vehicle registration fees, state gas tax subvention and AB 105 were prepared by MTC. The nominal growth rate for gas tax revenue averages about -0.2% annually, and for AB 105 funding, about 5% annually.

Plan Bay Area proposes establishing a reserve account for projected Cap-and-Trade revenues to be used for transit-oriented affordable housing, for transit operating and capital rehabilitation/replacement, and for local street and road rehabilitation, consistent with the focused land use strategy outlined in Plan Bay Area. The projected Cap-and-Trade revenues would increase the investment capacity for local street and road rehabilitation. However, these projected revenues were not distributed among Bay Area jurisdictions, and in turn are not reflected in the needs and revenue assessment results detailed on the following pages.

Assessment Results

As mentioned above, in order to maintain the LS&R System in a state of good repair, about \$45 billion is needed over the 28-year Plan Bay Area period. Committed revenue available to meet that need over the same period, is approximately \$15 billion. To maintain the region's *pavements* at current conditions (not including non-pavement assets), approximately \$10 billion is needed in addition to committed revenues. Within the Plan Bay Area investment strategy, sufficient funding has been made available through the OBAG program to maintain the region's current PCI. The Investment Strategy distribution shown in Table 2 below is based on the OBAG distribution formula. It should be noted that within the OBAG program, each county's Congestion Management Agency has discretion over the total funding amounts directed towards OBAG eligible projects. The amounts invested in LS&R system preservation may be more or less than the amounts depicted in Table 2.

Table 2. Local Street and Road Needs and Revenues

County	Pavement Needs	Non-Pavement Needs	Total System Preservation Needs	Committed Revenue	Plan Bay Area Investment Strategy	Remaining System Preservation Needs to Meet Performance Target
Alameda	\$3,715,245	\$4,082,437	\$7,797,682	\$2,147,587	\$1,477,014	\$4,173,081
Contra Costa	\$3,111,346	\$2,674,212	\$5,785,558	\$2,914,794	\$1,078,936	\$1,791,829
Marin	\$864,832	\$641,477	\$1,506,309	\$654,672	\$332,981	\$523,087
Napa	\$1,087,116	\$428,822	\$1,515,938	\$704,995	\$457,632	\$368,422
San Francisco	\$2,415,717	\$2,362,721	\$4,778,438	\$2,298,843	\$487,602	\$1,991,992
San Mateo	\$1,929,281	\$1,983,937	\$3,913,217	\$1,440,204	\$919,297	\$1,607,188
Santa Clara	\$5,776,128	\$5,117,758	\$10,893,886	\$3,373,599	\$2,838,700	\$4,695,585
Solano	\$1,906,084	\$1,288,751	\$3,194,835	\$487,841	\$998,578	\$1,708,415
Sonoma	\$3,698,515	\$1,319,208	\$5,017,723	\$994,268	\$1,349,131	\$2,674,323
TOTAL	\$24,504,263	\$19,899,322	\$44,403,585	\$15,016,804	\$9,939,872	\$19,533,922

Bicycle Infrastructure Need

In addition to pavement and non-pavement, the local street and road system also includes bicycle facilities. Bicycle facilities can consist of both on-road striped lanes and grade separated trails. The bicycle infrastructure needs were estimated at the regional level and are therefore not included in the table above.

The bicycle infrastructure need was estimated by using the current inventory of Class I, II and III facilities defined by the California Highway Design Manual with an assumption that growth of these facilities would occur in the future. The Bay Area currently has 700 miles of Class I facilities, over 2,000 miles of Class II facilities, and over 1,300 miles of Class III facilities. Costs for these three facility types were estimated using the total cost which included the project development costs, right-of-way acquisition and constructions costs. MTC's Regional Bikeway Network was also included in the total bicycle infrastructure needs at a cost of \$500 million. The costs were escalated with a 2.2% annual growth rate to the mid-year of the 28 year plan period. The growth of the network of bicycle facilities was estimated at a 50% increase over the base year for a total need of \$4.5 billion for Plan Bay Area. Pedestrian infrastructure needs were not estimated since it was assumed that these costs would be included in the non-pavement needs.

Local Bridge Needs and Revenue Assessment

Another component of the Bay Area's local street and road system is the over two thousand bridges that span 20 or more feet. Local bridges are an integral part of the transportation system. While relatively rare, local bridge failures can have significant consequences. Aside from the threat to public safety, many local bridges are the only access to homes and communities, and a failure can result in lengthy detours and economic losses.

The local bridge needs estimate for Plan Bay Area utilized the Caltrans bridge management system, Pontis, to assess and forecast the health and preservation needs of the local bridges over the 28-year Plan Bay Area period. Pontis is designed to analyze bridge data to predict future bridge conditions and needs, determine optimal policies, and recommend projects and schedules within budget and policy limitations. For this update, MTC staff trended the needs derived from a 2008 analysis to reach the 2011 base year and then escalated the costs over 28 years at the rate of 2.2 percent.

The estimate of revenues available to meet the system preservation needs consist of federal Highway Bridge Program (HBP) funds in addition to local match as well as a small amount of Proposition 1B funds for seismic retrofitting. Since HBP program funds are competitive and at the state's discretion to allocate, revenue estimates were developed based on historic shares of funding received in the region. The revenue was then distributed among the counties according to the prioritization recommendations from the Pontis bridge model. Other assumptions include allocating a 50-50 share of HBP funding between local and transit/state bridges in the region.

As seen in the table below, the estimated need for local bridge maintenance over the Paln Bay Area time frame is \$2.4 billion. Approximately \$1 billion in revenue was identified over the same time period, leaving a remaining need of \$1.4 billion.

Table 3. Comparison of Local Bridge Funding Need by County (In Millions)

County	Needs	Revenue	Additional Funding Need
Alameda	\$295	\$186	\$109
Contra Costa	\$326	\$93	\$232
Marin	\$122	\$9	\$113
Napa	\$149	\$105	\$44
San Francisco	\$276	\$99	\$177
San Mateo	\$206	\$118	\$89
Santa Clara	\$587	\$239	\$348
Solano	\$190	\$61	\$129
Sonoma	\$278	\$115	\$162
TOTAL	\$2,430	\$1,026	\$1,404

Note: Only non-transit local bridges were included in the financial analysis above.

Local Bridge Sufficiency Rating and Health Index

Sufficiency rating (SR) is the standard measure used to evaluate whether a bridge is sufficient to remain in service. The SR ranges from zero to 100 where,

- Zero is entirely insufficient;
- Sixty to 80 is the acceptable range of sufficiency; and
- Greater than 80 is sufficient.

For Federal Highway Bridge Program (HBP) funding eligibility, bridges must be rated Structurally Deficient (SD) or Functionally Obsolete (FO) with the SR less than or equal to 80 to be eligible candidates for rehabilitation. Bridges must be rated SD or FO with the SR < 50 to be eligible candidates for replacement (See 23 CFR 650.409 for details).

The 2010 average SR for the Bay Area is 78.4, down from 80.7 in 2008. The average age for the Bay Area local bridges is 51 years. Table 4 represents the average SR, age of structures by county. Local bridges exclude transit bridges.

Table 4. 2010 Bridge Condition by County

County	# of Bridges	Avg Age (Yr)	Avg Sufficiency Rating	Structures with SR >80	Structures with SR ≤80	Structures with SR <50	No SR data
Alameda	225	46	83.2	129	64	9	23
Contra Costa	345	45	82.8	197	76	16	56
Marin	118	59	77.0	56	45	11	6
Napa	104	63	73.0	49	38	17	0
San Francisco	61	60	64.6	15	18	5	23
San Mateo	133	52	79.0	69	45	10	9
Santa Clara	531	47	79.1	310	140	51	30
Solano	194	40	87.4	144	37	6	7
Sonoma	425	49	79.1	246	135	42	2
Average		51	78.4				
Total	2,136			1,215	598	167	156
%				57%	28%	8%	7%

As shown, counties with older bridges tend to have a lower sufficiency rating, while young jurisdictions tend to have higher SR.

Another common measure for demonstrating bridge performance over time is the bridge health index (BHI) developed by Caltrans. The BHI measures the condition of each element on a structure, with a range of zero to 100, with 100 representing the best condition. In 2008 assessment, the BHI for the region then was 91. Based on projected needs and available funding, the BHI will drop to 77 by 2038.

Figure 1 represents the age distribution of the local bridges in the Bay Area. As shown, the local bridges are aging – more than 75 percent of the structures are 30 years or older. Over 40 percent of the structures are 50 years or older and 15 percent are over 80 years old.

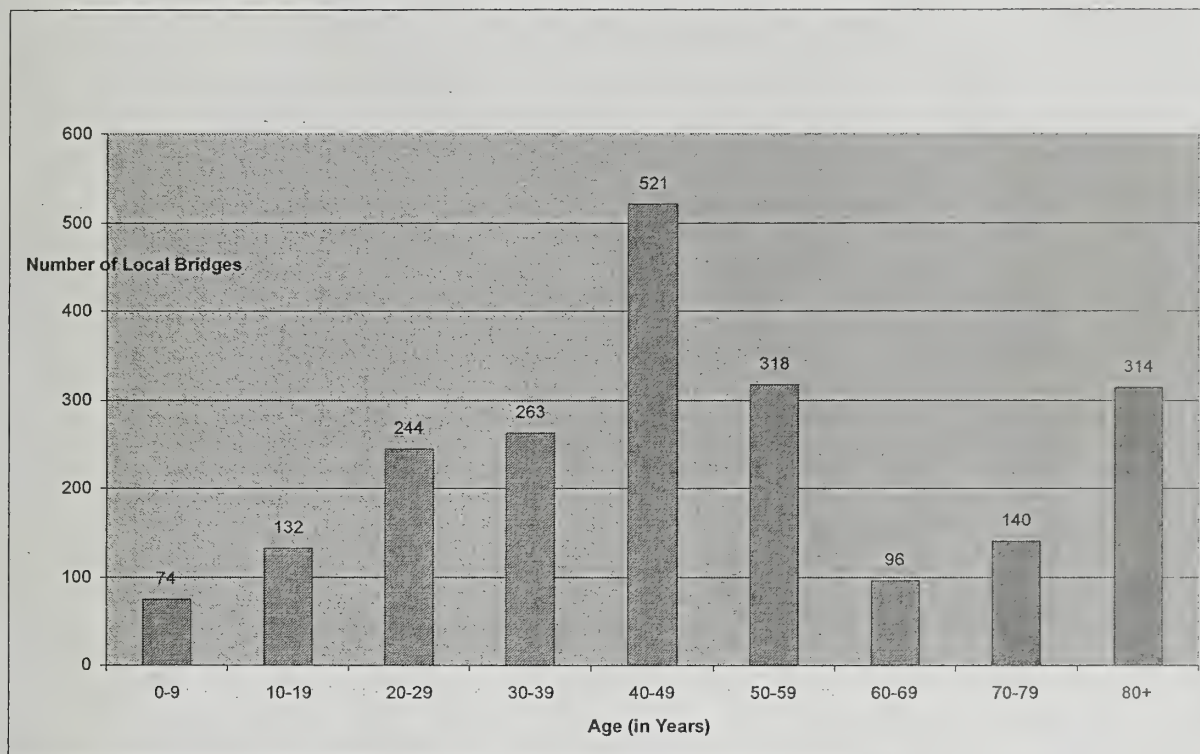


Figure 2. Age Distribution of Local Bridges

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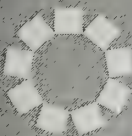
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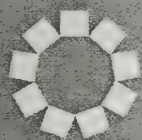
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Transit Operating and Capital Needs and Revenue Assessment

MTC analyzed how much funding is needed to operate and maintain existing transit services over the 28-year plan period from FY2012-13 to FY2039-40. On the cost side, the analysis has two components: (a) operating and maintenance costs, and (b) capital replacement and rehabilitation costs. On the revenue side, the analysis also has two components: (a) revenues that are committed to transit operating or capital costs by law or MTC or transit agency policy, and (b) discretionary funds that are allocated to transit operating or capital needs by MTC or Congestion Management Agencies (CMAs).

Transit Operating Needs and Revenues

The cost to operate and maintain existing service levels was projected by the transit operators. MTC requested a cost breakdown of expenses by mode (bus, paratransit, rail, etc.) and system wide non-operating expenses including debt service by year-of-expenditure. All projections were checked for consistency against cost projections provided in operators' Transportation Development Act (TDA) claims, which cover an audited historical year, as well as budgeted projections for the current and approaching fiscal years. Projections also were checked for reasonableness and consistency against cost projections included in *Transportation 2035 Plan for the San Francisco Bay Area*. Inflation assumptions were checked for reasonableness across similar expense categories. The cost impact of projected changes in service levels during the plan period was accounted for only in instances where those changes are a result of the transit operators' policy directives. The operating cost projections include existing service levels and cost projections for committed expansion projects. Where there were questions on the assumptions, MTC generally worked with the transit operator to get clarification and used information deemed most accurate by the transit operator. Estimates of transit operators' annual costs to operate the Clipper® system, were added to operators' annual projected costs. Lastly, beginning in FY 2017-18, a five-percent cost savings reduced annual cost projections for the seven largest transit operators, consistent with the MTC's Transit Sustainability Project (TSP) performance measure implementation.

Dedicated local funds that are controlled by the operators include fares, non-fare revenue (such as general fund contributions or revenue from advertising), other revenue (such as those from charter service), and county sales tax for operating and maintenance needs. Operating revenues were projected by the transit operators, and were again checked for consistency with revenue projections provided in the operators' most recently submitted TDA claim. The 28-year fare revenue projections were used as provided by the operators, with most projected to keep pace with inflation. Revenues from county sales tax measures were projected only up to the sunset date of the measure, and were projected to increase consistently with growth rates estimated by the county sales tax authorities. Revenues from Alameda County's proposed sales tax measure, a 1/2-cent augmentation to an existing measure, was included in the revenue projections beginning in FY 2016-17.

Revenues that pass through or are typically estimated by MTC include federal grants, State Transit Assistance (STA) funds, Transportation Development Act (TDA) funds, and bridge tolls for operating and maintenance needs (refer to the Financial Assumptions supplemental report for information on the projections for these sources). The revenues were assigned to each of the operators on an annual basis using MTC adopted formulas and any other applicable restrictions on the use of those funds. Some fund sources are restricted by either statute or policy to either operations or capital uses, while some fund sources are flexible. MTC staff generally assumed that all flexible transit revenues would first cover operating expenses; and then additional revenue, if any, were assigned to capital replacement if there was an identified need.

The projections resulted in 28-year total operating expenses for all operators combined of \$114.3 billion, and operating revenues of \$110.4 billion, leaving \$3.9 billion of operating costs remaining to be funded. The remaining operating costs were addressed with \$2.1 billion in regional discretionary funds and \$1.7 billion in CMA discretionary funds (numbers do not add to \$3.9 billion due to rounding). Projected operating service levels, expenses, and revenues are summarized in Table 1, and projected operating revenues are presented in greater detail in Table 2.

Plan Bay Area proposes establishing a reserve account for projected Cap-and-Trade revenues to be used for transit-oriented affordable housing, for transit operating and capital rehabilitation/replacement, and for local street and road rehabilitation, consistent with the focused land use strategy outlined in Plan Bay Area. Projected Cap-and-Trade revenues were not distrusted among Bay Area transit operators, and would increase the investment capacity for transit operations. Consequently, the needs and revenue assessment results detailed in Tables 1 and 2 do not include projected Cap-and-Trade revenues.

Transit Capital Replacement and Rehabilitation Needs and Revenues

The transit capital replacement and rehabilitation need projections are based on data in the Regional Transit Capital Inventory (RTCI), a database of all of the region's transit capital assets, such as buses, railcars, ferries, track, bridges, tunnels, train control and traction power systems, stations, maintenance facilities, and communications systems. The objective of the RTCI is to collect consistent and comparable data on the region's transit capital assets and replacement and rehabilitation costs for each transit operator.

In addition to an inventory of assets, the RTCI includes replacement and rehabilitation lifecycle costs for each type of asset. Asset data for the RTCI was developed by each operator, using multiple sources, such as maintenance management systems, fleet plans, condition assessments, and fixed asset accounting systems. Industry standard replacement and rehabilitation cycles and costs for each asset type were developed based on a national inventory maintained by the Federal Transit Administration (FTA) and other sources. The industry standard costs and lifecycles were used for assets for which the operator did not have complete data. The RTCI data was initially collected in 2007, and updated with data on new and retired assets, as well as refined cost and lifecycle information, in 2011.

Transit capital needs were defined as the cost of replacing all assets at the end of their useful lives, and performing all capital rehabilitation work in accordance with the recommended rehabilitation cycle for the asset type. This includes eliminating the existing \$5.0 billion backlog of deferred replacement and rehabilitation projects over the first ten years of the planning period. In some cases, particularly for long-lived assets such as stations or tunnels, major components were assumed to be replaced, rather than the entire asset. Clipper® equipment replacement and upgrade costs were projected by Clipper® staff and included in a centralized Clipper® line item.

Transit revenues that are currently committed to capital replacement and rehabilitation by statute or policy were assumed to continue to be dedicated to capital over the 28-year planning period. These sources include FTA Urbanized Area Formula (Section 5307), and Fixed Guideway Modernization (Section 5309 FG) funds, AB 664 and 2 percent bridge tolls, certain county transportation sales taxes, local and state bond proceeds for seismic work, and, as noted above, projected operating surpluses, if any. The MAP-21 federal transportation authorization made several changes to FTA funding programs, including replacing the Fixed Guideway Modernization with a new State of Good Repair (Section 5337) program, and creating a new Bus & Bus Facilities (Section 5339) program. However, the total FTA funding for the region under MAP-21 remains generally consistent with the projections used for Plan Bay Area, so the projections were not revised based on MAP-21's program changes.

FTA revenue projections were based on actual apportionments with assumed 3.0 percent annual growth. The FTA and bridge toll revenues for each operator were projected by using the current programming policies for those sources applied to the projected needs. The 10 percent ADA Operating Set-Aside funds in the FTA 5307 program were assumed to be used as operating revenues. The remaining 90 percent of projected 5307 funds, as well as the other FTA formula funds, were assigned to operators using the Transit Capital Priorities Project Apportionment Model used for annual programming of the FTA funds. The FTA funds come into the region through 12 urbanized areas, and each operator is eligible for funding from one or more urbanized areas. The Project Apportionment Model assigns funds to projects based on urbanized area eligibility and project score. Refer to the Financial Assumptions supplemental report for information on projections of other revenue sources.

Projected committed capital revenues totaled \$20.9 billion before the assignment of Plan Bay Area discretionary revenues. The projected capital needs totaled \$46.5 billion, resulting in \$25.6 billion of remaining needs before adding the discretionary revenues. For projects that are high-scoring (Score 16) under the region's Transit Capital Priorities policy – revenue vehicle replacement, fixed guideway rehabilitation, and major systems – projected needs totaled \$32.7 billion, with \$13.3 billion of the Score 16 needs remaining unfunded after applying the eligible committed funds.

The Commission directed \$8.3 billion of the region's projected discretionary revenues to address transit capital rehabilitation and replacement shortfalls, and CMAs contributed

another \$950 million. These actions reduced the amount of remaining transit maintenance needs to achieve the Plan Bay Area performance target to \$16.4 billion.

Plan Bay Area prioritizes the region's revenue vehicle replacement needs, followed by other Score 16 needs, such as fixed guideway and major systems. Of the \$9.3 billion total discretionary revenues (Commission and CMA), approximately \$700 million was directed to meet the remaining revenue vehicle needs, and \$8.6 billion for other Score 16 needs. The \$8.6 billion for other Score 16 needs was allocated to individual transit operators in proportion to each operator's share of the remaining other Score 16 needs.

The \$30.2 billion total project revenues for transit capital rehabilitation – committed, Commission discretionary and CMA discretionary – are sufficient to cover 100% of projected vehicle replacement needs, 76% of other Score 16 needs, and 65% of all capital needs.

It is important to note that these Plan Bay Area funding assignments are based on projections of aggregate need over 28 years; actual programming will vary year to year and will take into account actual project eligibility and readiness. Projected transit capital rehabilitation and replacement needs and revenues for all projects are summarized in Table 3. The distribution of Plan Bay Area discretionary revenues for transit capital rehabilitation and replacement is detailed in Table 4. Projected revenues for transit capital rehabilitation and replacement, including committed revenues and the discretionary revenues assigned to these needs, are summarized in Table 5.

Similar to transit operations, projected Cap-and-Trade revenues were not distributed among Bay Area transit operators, and would increase the investment capacity for transit capital rehabilitation/replacement. However, these projected revenues were not included in the needs and revenue assessment. The needs and revenue assessment results detailed in Tables 3-5 do not include projected Cap-and-Trade revenues.

Table 1. Plan Bay Area 28-Year Transit Operating Needs & Revenues for Existing and Committed Service Levels
(In Escalated \$ Millions)

Operator	FY 2011-12 Revenue Vehicle Hours (1,000s)	Operating Expenses	Committed Operations Funds	Regional Discretionary Funds	CMA Discretionary Funds	Total Operating Revenue Used For Operations	Remaining Needs
Large Operators							
AC Transit	1,624	\$12,572	\$11,080	\$0	\$1,491	\$12,572	\$0
BART	2,000	27,044	26,948	0	96	27,044	0
Caltrain	30	4,325	3,896	429	0	4,325	0
GGBHTD	406	3,010	2,470	540	0	3,010	0
SamTrans	880	6,067	5,665	402	0	6,067	0
SFMTA	3,439	36,285	36,110	175	0	36,285	0
VTA	1,803	16,356	16,356	0	0	16,356	0
Subtotal	10,182	\$105,659	\$102,524	\$1,547	\$1,587	\$105,659	\$0
Small Operators							
ACE	20	\$635	\$571	\$0	\$64	\$635	\$0
CCCTA	306	1,029	1,029	0	0	1,029	0
ECCTA	98	470	432	38	0	470	0
Fairfield	149	667	539	96	32	667	0
LAVTA	188	356	356	0	0	356	0
Marin County	94	302	302	0	0	302	0
Napa	23	84	84	0	0	84	0
Petaluma	6	32	32	0	0	32	0
Rio Vista	112	621	353	269	0	621	0
Santa Rosa	97	396	396	0	0	396	0
SMART	105	570	496	74	0	570	0
SolTrans	0	817	779	38	0	817	0
Sonoma County	203	730	730	0	0	730	0
Union City	49	154	138	0	16	154	0
Vacaville	30	79	79	0	0	79	0
Westcat	93	446	377	69	0	446	0
WETA	13	1,133	1,101	0	32	1,133	0
Subtotal	1,585	\$8,522	\$7,794	\$584	\$144	\$8,522	\$0
Clipper®	N/A	96	96	0	0	96	0
Total	11,767	\$114,277	\$110,415	\$2,131	\$1,731	\$114,277	\$0

Notes:

1. The total available revenues may exceed the revenues needed for operations. In that case, the additional revenues were assumed to be available to capital replacement and rehabilitation. See Table 2 for details.
2. Costs and revenues listed under Clipper® are for central, systemwide costs. Clipper® operating costs and revenues attributable to individual operators are included under each operator.
3. Included in the projected operating costs are Caltrain's service frequency improvements with electrification, and BART's service expansion to San Jose.

Table 2. Plan Bay Area Transit Operations 28-Year Cost and Revenue Projections Detail
(In Escalated \$ Millions)

Operators	Committed Transit Operating Revenues										Plan Bay Area Regional Disc. Revenues	Plan Bay Area CMA Disc. Revenues	Total Operating Revenues Used for Operations	Operating Revenue Available for Capital Replacement *
	Fares	Non-Fare/ Other Revenues	County Sales Taxes	TDA Revenues	STA Revenues	AB 1107 Sales Taxes	Bridge Tolls	FTA ADA Operating	County Reg. Fees	Total Committed Revenues				
Large Operators														
AC Transit	\$2,203	\$4,425	\$271	\$1,925	\$854	\$1,243	\$273	\$193	\$78	\$11,465	\$0	\$1,491	\$12,572	\$384
BART	17,586	2,693	0	0	1,253	7,456	0	143	0	29,132	0	96	27,044	2,184
Caltrain	2,221	1,331	0	0	295	0	0	49	0	3,896	429	0	4,325	0
GGBHTD	778	666	0	549	334	0	70	55	19	2,470	540	0	3,010	0
SamTrans	781	558	2,687	1,271	254	0	9	49	56	5,665	402	0	6,067	0
SFMTA	7,933	23,186	96	1,339	2,150	1,243	75	183	37	36,242	175	0	36,285	132
VTA	3,065	1,821	9,376	4,041	909	0	0	168	0	19,380	0	0	16,356	3,024
Subtotal	\$34,567	\$34,681	\$12,431	\$9,126	\$6,047	\$9,942	\$427	\$839	\$190	\$108,249	\$1,547	\$1,587	\$105,659	\$5,724
Small Operators														
ACE	\$170	\$389	\$0	\$0	\$33	\$0	\$0	\$24	\$0	\$616	\$0	\$64	\$635	\$44
CCCTA	159	59	152	608	201	0	4	32	0	1,215	0	0	1,029	186
ECCTA	131	3	37	350	177	0	15	22	0	735	0	0	730	5
Fairfield	79	151	0	133	50	0	20	0	0	432	38	0	470	0
LAVTA	93	29	35	258	82	0	16	14	12	539	96	32	667	0
Marin County	26	197	141	0	0	0	0	0	0	363	0	0	356	7
Napa	41	1	0	262	44	0	11	1	0	361	0	0	302	59
Petaluma	9	1	8	66	17	0	0	0	0	102	0	0	84	17
Rio Vista	2	19	0	10	3	0	0	0	0	34	0	0	32	1
Santa Rosa	67	0	35	194	57	0	0	0	0	353	269	0	621	0
SMART	176	61	542	0	0	0	0	0	0	779	38	0	817	0
SolTrans	105	9	0	188	80	0	34	30	0	446	0	0	396	50
Sonoma Co.	69	0	30	308	89	0	0	0	0	496	74	0	570	0
Union City	21	0	24	87	23	0	0	0	5	159	0	16	154	21
Vacaville	13	1	0	123	30	0	0	0	0	166	0	0	79	87
Westcat	95	7	52	94	108	0	16	5	0	377	69	0	446	0
WEFA	398	295	34	0	0	0	579	0	0	1,307	0	32	1,133	206
Subtotal	\$1,653	\$1,220	\$1,090	\$2,682	\$992	\$0	\$695	\$129	\$17	\$8,479	\$584	\$144	\$8,522	\$685
Clipper®	0	96	0	0	0	0	0	0	0	96	0	0	96	0
Total	\$36,220	\$35,998	\$13,521	\$11,807	\$7,040	\$9,942	\$1,122	\$968	\$207	\$116,824	\$2,131	\$1,731	\$114,277	\$6,409

* Additional operating revenue available for Capital Replacement or to support other Plan Bay Area projects.

Table 3. Plan Bay Area 28-Year Capital Needs and Revenues Summary for All Projects (All Scores)
(In Escalated \$ Millions)

Operators	All Scores Capital Need	Total Committed Revenues	Plan Bay Area Regional Discretionary Revenues	Plan Bay Area CMA Discretionary Revenues	Total Capital Revenues	Remaining Needs* After Discretionary Revenues*
Large Operators						
AC Transit	\$3,354	\$1,324	\$267	\$0	\$1,591	\$1,763
BART	16,473	6,349	3,982	114	10,444	6,028
Caltrain	3,342	358	731	0	1,090	2,252
GGBHTD	1,230	646	132	0	778	452
SamTrans	1,468	461	337	0	797	671
SFMTA	12,712	5,194	2,366	835	8,395	4,317
VTA	4,313	4,313	0	0	4,313	0
Subtotal	\$42,891	\$18,644	\$7,815	\$949	\$27,408	\$15,483
Small Operators						
ACE	\$155	\$102	\$17	\$0	\$119	\$36
CCCTA	415	372	0	0	372	43
Dixon	4	1	2	0	4	0
ECCTA	197	112	61	0	172	25
Fairfield	184	110	0	0	110	74
LAVTA	218	112	67	0	178	40
Marin County	43	32	9	0	41	2
Napa	145	125	0	0	125	21
Petaluma	34	27	0	0	27	7
Rio Vista	10	3	0	0	3	7
Santa Rosa	127	111	0	0	111	16
SMART	241	64	85	0	149	92
SolTrans	409	199	0	0	199	211
Sonoma County	269	78	48	0	126	143
Union City	64	54	5	0	59	4
Vacaville	68	68	0	0	68	0
Westcat	157	60	47	0	107	51
WETA	324	324	0	0	324	0
Subtotal	\$3,065	\$1,953	\$341	\$0	\$2,293	\$772
Clipper®	584	316	157	0	473	111
Total	\$46,540	\$20,913	\$8,313	\$949	\$30,175	\$16,365

* Remaining needs to meet performance target of 0% of assets in service past useful life.

Table 4. Distribution of Regional Discretionary Revenues for Transit Capital Needs
(In Escalated \$ Millions)

Operators	Discretionary Funding for Vehicles Based on Vehicle Remaining Need*		Discretionary Funding for Other Score 16 Based on Other Score 16 Remaining Need*		Total Discretionary Funding
	Vehicle Remaining Need	Discretionary Funding	Other 16 Remaining Need	Discretionary Funding	
Large Operators					
AC Transit	\$155	\$155	\$186	\$112	\$267
BART	0	0	6,601	3,982	3,982
Caltrain	1	1	1,210	730	731
GGBHTD	32	32	166	100	132
SamTrans	283	283	89	54	337
SFMTA	0	0	3,923	2,366	2,366
VTA	0	0	0	0	0
Subtotal	\$471	\$471	\$12,176	\$7,344	\$7,815
Small Operators					
ACE	\$16	\$16	\$1	\$1	\$17
CCCTA	0	0	0	0	0
Dixon	2	2	0	0	2
ECCTA	60	60	2	1	61
Fairfield	0	0	0	0	0
LAVTA	63	63	6	3	67
Marin County	9	9	0	0	9
Napa	0	0	0	0	0
Petaluma	0	0	0	0	0
Rio Vista	0	0	0	0	0
Santa Rosa	0	0	0	0	0
SMART	0	0	140	85	85
SolTrans	0	0	0	0	0
Sonoma County	37	37	18	11	48
Union City	4	4	1	1	5
Vacaville	0	0	0	0	0
Westcat	46	46	1	1	47
WETA	0	0	0	0	0
Subtotal	\$238	\$238	\$169	\$102	\$341
Clipper®	0	0	261	157	157
Total	\$709	\$709	\$12,606	\$7,604	\$8,313

* Remaining needs to meet performance target of 0% of assets in service past useful life.

Table 5. Plan Bay Area 28-Year Transit Capital Maintenance Revenues Summary
(In Escalated \$ Millions)

Operators	Committed Transit Capital Revenues										Total Committed Revenues	Plan Bay Area Regional Disc. Revenues	Plan Bay Area CMA Disc. Revenues	Total Capital Revenues
	FTA Formula Funds	County Sales Taxes	AB 664 Bridge Tolls	BART Seismic GO Bonds	Prop 1B Rev-Based	STP Transit Capital Rehab	2% Bridge Tolls	Pop 1B Pop-Based	Operating Funds	Reconcile Adjust.*				
Large Operators														
AC Transit	\$870	\$0	\$42	\$0	\$21	\$7	\$0	\$0	\$384	\$0	\$1,324	\$267	\$0	\$1,591
BART	3,635	29	175	215	52	58	0	0	2,184	0	6,349	3,982	114	10,444
Caltrain	321	122	16	0	9	9	0	0	0	(119)	358	731	0	1,090
GGBHTD	633	0	0	0	8	4	0	1	0	0	646	132	0	778
SamTrans	437	0	9	0	11	4	0	0	0	0	461	337	0	797
SFMTA	4,091	776	84	0	69	41	0	0	132	0	5,194	2,366	835	8,395
VTA	2,175	420	0	0	32	14	0	0	3,024	(1,352)	4,313	0	0	4,313
Subtotal	\$12,163	\$1,348	\$326	\$215	\$202	\$137	\$0	\$1	\$5,724	(\$1,471)	\$18,644	\$7,815	\$949	\$27,408
Small Operators														
ACE	\$56	\$0	\$0	\$0	\$1	\$1	\$0	\$0	\$44	\$0	\$102	\$17	\$0	\$119
CCCTA	174	0	8	0	1	1	0	1	186	0	372	0	0	372
Dixon	1	0	0	0	0	0	0	0	0	0	1	2	0	4
ECCTA	100	0	5	0	0	1	0	1	5	0	112	61	0	172
Fairfield	109	0	0	0	0	0	0	0	0	0	110	0	0	110
LAVTA	105	0	5	0	0	1	0	1	0	0	112	67	0	178
Marin County	24	0	0	0	0	0	0	0	7	0	32	9	0	41
Napa	65	0	0	0	0	0	0	0	59	0	125	0	0	125
Petaluma	9	0	0	0	0	0	0	0	17	0	27	0	0	27
Rio Vista	1	0	0	0	0	0	0	0	1	0	3	0	0	3
Santa Rosa	110	0	0	0	0	0	0	0	0	0	111	0	0	111
SMART	63	0	0	0	0	1	0	0	0	0	64	85	0	149
SolTrans	139	0	7	0	1	1	0	1	50	0	199	0	0	199
Sonoma County	76	0	0	0	0	1	0	1	0	0	78	48	0	126
Union City	31	0	2	0	0	0	0	0	21	0	54	5	0	59
Vacaville	75	0	0	0	0	0	0	0	87	(94)	68	0	0	68
Westcat	56	0	3	0	1	0	0	0	0	0	60	47	0	107
WETA	222	0	11	0	0	1	29	0	206	(144)	324	0	0	324
Subtotal	\$1,416	\$0	\$40	\$0	\$6	\$10	\$29	\$6	\$685	(\$239)	\$1,953	\$341	\$0	\$2,293
Clipper®	313	0	0	0	0	3	0	0	0	0	316	157	0	473
Total	\$13,892	\$1,348	\$366	\$215	\$207	\$149	\$29	\$7	\$6,409	(\$1,710)	\$20,913	\$8,313	\$949	\$30,175

* Revenues for operators with projected capital maintenance surpluses adjusted so total revenues equal amount needed to cover capital needs.

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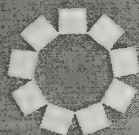
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APPENDIX A – 47

2015 TIP Detail

Projects Being Added Into the
Approved 2015 TIP



Projects Being Added Into the 2015 TIP

Sl. No.	TIP ID	County	Sponsor	Project Name	Total Project Cost	Total TIP Cost
1	ALA150001	Alameda	ACTC	Route 84 widening, Pigeon Pass to I-680	\$80,000,000	\$0
2	ALA150002	Alameda	Alameda County	Niles Canyon Rd (SR 84)/Pleas-Sunol Rd Inter. Imps	\$2,500,000	\$2,500,000
3	ALA150003	Alameda	Dublin	Dublin Blvd. - North Canyons Pkwy Ext. Study	\$350,000	\$350,000
4	NAP150001	Napa	Calistoga	SR 128 and Petrified Forest Intersection Imp	\$650,000	\$650,000
5	REG150001	Regional	Caltrans	Oakland to San Jose Double Track (Segment 2A)	\$7,700,000	\$0
6	SCL150001	Santa Clara	VTa	I-680 Soundwalls - Capitol Expwy to Mueller Ave	\$4,456,000	\$597,000
7	SCL150002	Santa Clara	San Jose	Coyote Creek Trail Reach 5.3 (Brokaw to UPRR)	\$2,945,100	\$805,100
8	SCL150003	Santa Clara	VTa	Mountain View Double Track Improvements - Phase II	\$30,000,000	\$24,700,000
9	SON150001	Sonoma	Sonoma County	PDA Planning - Springs Area Plan	\$508,300	\$508,300
10	SON150002	Sonoma	Sonoma County	PDA Planning - Airport Station/Specific Plan Amend	\$395,347	\$395,347

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2015 TIP Detail

**Projects Being Archived Before
2015 TIP Approval**



Projects Being Archived Before 2015 TIP Approval

Sl. No.	TIP ID	Project Name	County	Sponsor	Total Project Cost	Total 2013 TIP Cost
1	ALA010014	I-680 Sunol Grade NB HOV Lane	ALA	Caltrans	\$4,000,000	\$0
2	ALA050017	Enhanced Bus - Telegraph/Intl/East 14th	ALA	AC Transit	\$27,159,382	\$0
3	ALA050062	Union City: Replacement of One Transit Bus	ALA	Union City Transit	\$317,045	\$0
4	ALA050067	GPS Train Tracking & Reporting System	ALA	ACE	\$506,308	\$0
5	ALA070012	Oakland Coliseum TOD	ALA	Oakland	\$1,102,622	\$0
6	ALA070016	Capitol Corridor Rail Improvements	ALA	CCJPA	\$5,260,000	\$0
7	ALA070021	LAVTA Bus Rapid Transit (BRT) Phase I	ALA	LAVTA	\$13,774,258	\$0
8	ALA070040	Hampton Rd Streetscape	ALA	Alameda County	\$5,550,000	\$0
9	ALA070062	Union City Transit: Purchase Six (6) CNG Buses	ALA	Union City Transit	\$3,155,121	\$0
10	ALA090039	Berkeley Bike/Ped Overcrossing Site Access Imps	ALA	Berkeley	\$929,000	\$0
11	ALA110096	LAVTA Capital Maintenance-Fuel	ALA	LAVTA	\$160,165	\$0
12	ALA977038	San Francisco-Oakland Bay Bridge	ALA	Caltrans	\$5,706,445,000	\$40,645,000
13	ALA990054	Tinker Avenue Reconfiguration	ALA	Alameda	\$18,661,000	\$0
14	ALA990091	Bay Trail (Union City Segment)	ALA	Caltrans	\$1,161,500	\$714,500
15	CC-030003	Richmond BART Parking Structure	CC	BART	\$29,547,386	\$0
16	CC-050029	Tri-Delta: Park and Ride Facility Land Purchase	CC	ECCTA	\$1,776,198	\$0
17	CC-050062	Contra Costa Co.- Stone Valley Road Rehabilitation	CC	CC County	\$653,000	\$0
18	CC-070020	Carquinez Scenic Drive, SF Bay Trail Segment	CC	CC County	\$3,136,000	\$0
19	CC-070085	Martinez - Marina Vista Streetscape	CC	Martinez	\$3,259,000	\$0
20	CC-070087	Montalvin Manor Ped & Transit Access Imps	CC	CC County	\$2,358,980	\$0

Projects Being Archived Before 2015 TIP Approval (cont.)

Sl. No.	TIP ID	Project Name	County	Sponsor	Total Project Cost	Total 2013 TIP Cost
21	CC-090036	Tri Delta Transit Park and Ride Lots	CC	ECCTA	\$816,563	\$10,000
22	CC-090039	Tri-Delta: Install Clipper Fareboxes	CC	ECCTA	\$253,635	\$0
23	CC-090064	Lafayette - Pleasant Hill Road South Bike/Ped Imps	CC	Lafayette	\$1,295,000	\$0
24	CC-110011	Antioch Various Streets Pavement Rehab	CC	Antioch	\$2,414,000	\$0
25	CC-110080	ECCTA - Capital Maintenance-Fuel	CC	ECCTA	\$348,205	\$0
26	MRN010035	ACIS Radio Communications System	MRN	GGBHTD	\$20,664,163	\$2,427,355
27	MRN070008	San Rafael Transit Center Improvements	MRN	GGBHTD	\$365,000	\$0
28	MRN070014	Fairfax - Non-motorized Transp. Pilot Program	MRN	Fairfax	\$313,858	\$65,000
29	MRN070018	Larkspur Ferry Terminal Parking Improvements	MRN	GGBHTD	\$1,681,430	\$0
30	MRN070020	Mill Valley - Non-motorized Transp. Pilot Program	MRN	Mill Valley	\$1,092,863	\$0
31	MRN090012	Golden Gate Transit Station Bicycle Improvements	MRN	GGBHTD	\$163,000	\$123,000
32	MRN090035	GGBHTD: Replace 7 - 2005 Paratransit Vans	MRN	GGBHTD	\$557,086	\$557,086
33	MRN090036	GGBHTD: Bus Stop Improvements	MRN	GGBHTD	\$1,478,151	\$0
34	MRN110006	Strawberry Point School Pedestrian Imps	MRN	Marin County	\$537,000	\$0
35	MRN110007	Marinwood, Greenbrae, Strawberry & Marin City Improvements	MRN	Marin County	\$1,215,000	\$0
36	MRN110009	Mill Valley - Edgwood Avenue Resurfacing	MRN	Mill Valley	\$326,000	\$0
37	MRN110015	Novato Boulevard Resurfacing	MRN	Marin County	\$1,228,000	\$0
38	MRN110016	Venetia Valley School SR2S Pedestrian Access Imps	MRN	Marin County	\$433,000	\$0
39	MRN130002	Sir Francis Drake Blvd. MP 20.70 Slide Repair	MRN	Marin County	\$560,000	\$515,200
40	MRN130003	Muir Woods Road MP 0.49 Slide Repair	MRN	Marin County	\$930,478	\$856,078

Projects Being Archived Before 2015 TIP Approval (cont.)

Sl. No.	TIP ID	Project Name	County	Sponsor	Total Project Cost	Total 2013 TIP Cost
41	MTC050008	GL: Shoulder Imprv - SHOPP Roadside Preservation	REG	Caltrans	\$59,406,000	\$0
42	REG090052	Golden Gate Transit: SF Bus Lot Modifications	REG	GGBHTD	\$3,835,486	\$0
43	REG110026	GL: New Freedom FY10 & FY11 Large UA	REG	MTC	\$6,220,412	\$6,220,412
44	REG110033	GL: JARC FY10-FY12 Small UA & Rural	REG	MTC	\$2,745,819	\$2,745,819
45	REG110034	GL: New Freedom FY10-FY12 Small & Rural	REG	MTC	\$1,800,000	\$1,800,000
46	SCL050044	Replace Bus Fareboxes	SCL	VTA	\$10,513,776	\$0
47	SCL050079	Silicon Valley TIMC	SCL	San Jose	\$7,551,000	\$3,528,000
48	SCL050080	Oregon-Page Mill Expwy Improvements	SCL	Santa Clara County	\$4,411,508	\$3,811,508
49	SCL050081	Lower Guadalupe River Trail	SCL	San Jose	\$10,833,284	\$0
50	SCL090036	Branham Ln/Monterey Hwy Grade Crossing Design	SCL	San Jose	\$570,000	\$0
51	SCL090046	Lower Guadalupe River Trail-Tasman Drive Underpass	SCL	San Jose	\$825,000	\$825,000
52	SCL110001	San Jose: Alameda - A Plan for The Beautiful Way	SCL	San Jose	\$4,323,000	\$0
53	SCL110028	Campbell Avenue Portals Bike/Ped Improvements	SCL	Campbell	\$4,730,000	\$4,200,000
54	SCL110033	San Fernando Street Enhanced Bikeway & Ped Access	SCL	San Jose	\$1,866,664	\$139,964
55	SCL110037	Palo Alto California Avenue Transit Hub	SCL	Palo Alto	\$1,600,000	\$1,400,000
56	SCL110051	SR25 for Santa Clara County	SCL	Santa Clara County	\$1,130,000	\$0
57	SCL110107	San Jose: Road Rehab and Ped. Facilities	SCL	San Jose	\$15,000,000	\$15,000,000
58	SCL110116	Hacienda Ave Streetscape and Bicycle Imps	SCL	Campbell	\$680,000	\$680,000
59	SCL110120	Together We Ride One-Call/One-Click Centers	SCL	VTA	\$2,050,000	\$2,050,000
60	SCL110126	SCVTA: Low Income Fare Pilot Project	SCL	VTA	\$1,470,708	\$1,470,708

Projects Being Archived Before 2015 TIP Approval (cont.)

Sl. No.	TIP ID	Project Name	County	Sponsor	Total Project Cost	Total 2013 TIP Cost
61	SCL130003	Hamilton Avenue Preservation	SCL	Campbell	\$348,000	\$348,000
62	SCL130009	Stevens Creek Blvd Preservation	SCL	Cupertino	\$1,300,000	\$1,300,000
63	SCL130019	Mountain View Non-Infrastructure SRTS	SCL	Mountain View	\$565,000	\$565,000
64	SCL130024	Monte Sereno Various Street and Road Preservation	SCL	Monte Sereno	\$313,000	\$313,000
65	SCL130038	Santa Clara Various Streets and Roads Preservation	SCL	Santa Clara	\$2,340,000	\$2,340,000
66	SCL130039	Santa Clara Non-Infrastructure SR2S Phase 2	SCL	Santa Clara	\$500,000	\$500,000
67	SF-030004	Misc Security Improvements & Graffiti Prevention	SF	SFMTA	\$26,456,221	\$0
68	SF-050043	City CarShare Pilot Program	SF	MTC	\$2,986,000	\$0
69	SF-070007	Central Control - Facility Replacement	SF	SFMTA	\$12,746,820	\$0
70	SF-090029	San Francisco - Various Pedestrian Signal Upgrades	SF	SFMTA	\$466,360	\$0
71	SF-090037	Phelan Loop Pedestrian and Street Beautification	SF	SFMTA	\$10,696,106	\$574,000
72	SF-110013	San Francisco - Marina Green Bicycle Trail Imps.	SF	SF DPW	\$1,257,000	\$0
73	SF-110014	San Francisco Cargo Way Bay Trail Bike Lanes	SF	Port of SF	\$474,000	\$0
74	SF-110015	San Francisco SR2S - Education and Outreach	SF	SFDPH	\$590,000	\$0
75	SM-070030	Daly City BART Station Improvements	SM	BART	\$1,290,000	\$0
76	SM-090005	Foster City - Triton Drive Widening	SM	Foster City	\$800,000	\$650,000
77	SM-090041	Bayshore Corridor North South Bikeway	SM	Brisbane	\$803,000	\$0
78	SM-110004	I-280 Wildlife Connectivity Research	SM	Caltrans	\$467,500	\$85,500
79	SM-110007	Delaware Street Bike Lane and Streetscape	SM	San Mateo	\$1,205,000	\$0

Projects Being Archived Before 2015 TIP Approval (cont.)

Sl. No.	TIP ID	Project Name	County	Sponsor	Total Project Cost	Total 2013 TIP Cost
80	SM-110009	Daly City - Citywide Accessibility Improvements	SM	Daly City	\$520,000	\$0
81	SM-110010	El Camino Real Phase I Improvement	SM	San Mateo	\$1,102,000	\$0
82	SM-110014	Menlo Park 2010/11 Resurfacing of Federal Aid Rtes	SM	Menlo Park	\$450,000	\$0
83	SM-110019	San Carlos Pavement Rehab Program	SM	San Carlos	\$530,000	\$0
84	SM-110023	South San Francisco: Regional Gap Closure Project	SM	SSF	\$342,000	\$0
85	SM-110025	Bair Island Bay Trail Facility and Improvements	SM	Redwood City	\$431,000	\$0
86	SM-110027	Highway 1 Bicycle/Pedestrian Trail	SM	Half Moon Bay	\$750,000	\$0
87	SM-110035	Resurfacing of Pescadero Creek Road	SM	San Mateo County	\$1,210,000	\$0
88	SOL050006	Suisun Valley Rd Bridge Replacement 23C0077	SOL	Caltrans	\$3,420,913	\$0
89	SOL050048	Vallejo: Downtown Streetscape	SOL	Vallejo	\$5,959,950	\$0
90	SOL070014	I-80/I-680 Mitigation Landscaping	SOL	Caltrans	\$50,000	\$0
91	SOL070026	Ulatis Creek Bike Path - Ulatis to Leisure Town	SOL	Vacaville	\$1,071,000	\$0
92	SOL090003	EB I-80 Cordelia Truck Scales Relocation Project	SOL	STA	\$98,883,000	\$0
93	SOL090008	Fairfield - Fareboxes Purchase & Implementation	SOL	Fairfield	\$172,340	\$0
94	SOL110024	Dixon West B. St Bike/Pedestrian Undercrossing	SOL	STA	\$6,775,000	\$5,670,000
95	SOL110027	Fairfield Suisun Transit Vehicle Replacement	SOL	Fairfield	\$3,828,696	\$1,330,568
96	SON070005	Windsor - Old Redwood Hwy Pedestrian Linkages	SON	Windsor	\$403,079	\$0
97	SON110006	Petaluma Boulevard South Road Diet	SON	Petaluma	\$885,000	\$0
98	SON110012	Hembree Lane Resurfacing	SON	Windsor	\$432,000	\$0

Projects Being Archived Before 2015 TIP Approval (cont.)

Sl. No.	TIP ID	Project Name	County	Sponsor	Total Project Cost	Total 2013 TIP Cost
99	SON110014	Sonoma Mountain Parkway Rehabilitation	SON	Petaluma	\$1,171,400	\$0

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2015 TIP Detail

Grouped Listings in the 2015 TIP



The full report of the

Grouped Listing

can be viewed as Appendix A-49 on MTC's website at

[http://www.mtc.ca.gov/funding/tip/2015/
Appendices.pdf](http://www.mtc.ca.gov/funding/tip/2015/Appendices.pdf)

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2015 TIP Detail

**Projects Compliant with
Americans with Disabilities Act (ADA) Requirements**



Projects Compliant with Americans with Disabilities Act (ADA) Requirements

SI No.	TIP ID	Sponsor	County	Key Stations /Systemwide	Project Name	Project Description
1	ALA050017	AC Transit	Alameda	Stations along the Telegraph/Intl Ave/ E. 14 th Corridor	Enhanced Bus-Telegraph/Intl/East 14 th	AC Transit: Along the Telegraph/Intl Ave /E. 14th Corridor; System includes preliminary engineering, bus Stop & station improvements, and other street enhancements to implement bus rapid system
2	ALA110105	AC Transit	Alameda	San Leandro BART	San Leandro BART - Transit Access Improvements	San Leandro: At San Leandro BART Station: Make bus, pedestrian, and bicycle access improvements in preparation for the implementation of the East Bay Bus Rapid Transit.
3	ALA990052	AC Transit	ALA	Systemwide	AC Transit: Paratransit Van Replacement	AC Transit: Amortized cost of replacing vans used for AC Transit paratransit service. Vans are operated and replaced by paratransit contractor. FTA funds programmed annually in lieu of programming for replacing vans at end of their useful life.
4	ALA990076	AC Transit	ALA	Systemwide	AC Transit: ADA Paratransit Assistance	AC Transit: ADA Paratransit Operating Subsidy.
5	ALA990077	LAVTA	ALA	Systemwide	LAVTA: ADA Paratransit Operating Subsidy	LAVTA: ADA Paratransit Operating Subsidy
6	BRT99T01B	BART	REG	Systemwide	ADA Paratransit Capital Accessibility Improve	BART: At various stations: Capital Access Improvements Program including, station elevator improvements, installation of hands-free emergency telephones, and tactile stair tread replacement
7	CC-030035	ECCTA	CC	Systemwide	Tri-Delta: ADA Operating Assistance	Tridelta: Operating assistance to fund ADA Set Aside requirement.
8	CC-070092	ECCTA	CC	Systemwide	ECCTA: Transit Bus Replacements	Tri-Delta Transit: Replace 42 transit buses with similar buses.

Projects Compliant with Americans with Disabilities Act (ADA) Requirements (cont'd)

SI No.	TIP ID	Sponsor	County	Key Stations /Systemwide	Project Name	Project Description
9	CC-110062	CCCTA	Contra Costa	Systemwide	CCCTA: Replace 4 LINK Vans	CCCTA: Replace 4 2004 cut-away vans
10	CC-110063	CCCTA	CC	Systemwide	CCCTA: Replace 4 Minivans	CCCTA: Replace 4 2004 mini-vans used for paratransit operations.
11	CC-110096	CCCTA	CC	Systemwide	CCCTA - Replace 6 22' Paratransit Vans	CCCTA: Replace 6 paratransit vans that have reached the end of their useful life
12	CC-110097	CCCTA	CC	Systemwide	CCCTA - Replace 4 Paratransit Minivans	CCCTA: Replaces 4 paratransit minivans.
13	CC-990045	WCCTA	CC	Systemwide	WCCTA: ADA Paratransit Operating Subsidy	WCCTA: ADA Paratransit Operating Subsidy
14	CC-99T001	CCCTA	CC	Systemwide	CCCTA: ADA Paratransit Assistance	CCCTA: ADA Paratransit Assistance to transit agency.
15	MRN110004	MCTD	Marin	Systemwide	Local Bus Stop Revitalization in Marin County	Marin County: Various Locations: Bring outdated local bus stops into compliance with current accessibility and passenger amenity standards
16	MRN110028	MCTD	MRN	Systemwide	Marin Transit - Replace 3 - 2005 Paratransit Vans	Marin Transit: Replace 3 - 2005 paratransit vans that have reached the end of their useful life
17	MRN110044	MCTD	MRN	Systemwide	Marin Transit - Replace Paratransit Vehicles	Marin Transit: Replace 13 Paratransit vehicles
18	MRN110047	MCTD	MRN	Systemwide	MCTD- ADA Paratransit Assistance	MCTD: ADA Paratransit Assistance to transit agency.
19	NAP030004	NCTPA	NAP	Systemwide	NCTPA: ADA Operating Assistance	Napa: ADA operating assistance for paratransit service

Projects Compliant with Americans with Disabilities Act (ADA) Requirements

SI No.	TIP ID	Sponsor	County	Key Stations /Systemwide	Project Name	Project Description
20	NAP030005	NCTPA	NAP	Systemwide	Napa: Bus Stop Improvements	Napa Vine: Various bus stop improvements throughout the Napa County transit service areas. Add City/County Bus Passenger Amenities especially ADA Bus Stop Improvements.
21	NAP090005	NCTPA	NAP	Systemwide	NCTPA: Replace Rolling Stock	NCTPA: Replace rolling stock for fixed-route, paratransit, and community shuttle fleet.
22	SCL050045	VTa	SCL	Systemwide	VTa: ADA Bus Stop Improvements	VTa: Various Locations: Construct ADA bus stop improvements. Improvements include wheelchair access improvements and improved lighting and signage.
23	SCL050046	VTa	SCL	Systemwide	VTa: ADA Operating Set Aside	VTa: ADA operating assistance set aside.
24	SF-090035	SFMTA	SF	Systemwide	SFMTA: Paratransit Vehicle Replacements	SFMTA: Paratransit service across San Francisco; preserve service and replace 67 paratransit vehicles
25	SF-990022	SFMTA	SF	Systemwide	SFMTA: ADA Paratransit operating support	Muni: ADA Paratransit Operating Subsidy.; provides funding for increased van/taxi services to people with disabilities who are prevented from using Muni's fixed route services.
26	SM-050040	Caltrain	SM	Systemwide	Caltrain: ADA Operating Set-aside	Caltrain: ADA Paratransit Operating assistance set-aside
27	SM-110070	SamTrans	San Mateo	Systemwide	SAMTRANS: Replacement of 14 2009 Minivans	SAMTRANS: Replace 14 2009 para-transit minivans that have exceeded their useful life.
28	SM-990026	SamTrans	SM	Systemwide	SAMTRANS: ADA Paratransit Operating Subsidy.	SamTrans: ADA Paratransit Operating Subsidy.

Projects Compliant with Americans with Disabilities Act (ADA) Requirements

SI No.	TIP ID	Sponsor	County	Key Stations /Systemwide	Project Name	Project Description
29	SOL110025	SolTrans	SOL	Systemwide	SolTrans: ADA Paratransit Operating Subsidy	SolTrans: ADA Paratransit Operating Subsidy
30	SON030012	Santa Rosa Bus	SON	Systemwide	Santa Rosa City Bus: Transit Enhancements	Santa Rosa: Various Locations: Upgrade and improve transit facilities including amenities, accessibility, ADA compliance, pedestrian and bicycle access
31	SON050021	Sonoma County Transit	Sonoma	Systemwide	Sonoma County Transit: Bus Stop Improvement	Sonoma County Transit: Throughout the service area: Acquire and install new bus stop shelters plus other improvements to bus stops
32	SON070012	Santa Rosa Bus	SON	Santa Rosa Downtown Transit Mall	Downtown Transit Mall Connectivity Improvements	Santa Rosa: Downtown Transit Mall; Various improvements including NextBus LED signage, maps, real-time transit information, kiosks, concessions, improved lighting, benches and public art, and ADA
33	SON090029	Petaluma	SON	Systemwide	Petaluma Paratransit: Replace 2 Vans	In Petaluma: Purchase (2) replacement paratransit vans for Petaluma Paratransit.
34	SON110051	Petaluma	SON	Systemwide	Petaluma: Replace 2 Paratransit Cutaways FY13	In Petaluma: Replace two (2) paratransit vans for Petaluma Paratransit.
35	SON110052	Petaluma	SON	Systemwide	Petaluma: Replace 2 Paratransit Cutaways FY14	In Petaluma: Replace two (2) paratransit vans for Petaluma Paratransit

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2015 TIP Detail

Air Quality Exempt Codes



Air Quality Exempt Codes

Exempt Code	Description of Exempt Code
0	Non-Exempt Project
1.01	Railroad/highway crossing
1.02	Hazard Elimination Program
1.03	Safer non-Federal-aid system roads
1.04	Shoulder Improvements
1.05	Increasing Sight Distance
1.06	Safety Improvement Program
1.07	Traffic control devices and operating assistance other than signalization projects
1.08	Railroad/highway crossing warning devices
1.09	Guardrails, median barriers, crash cushions
1.10	Pavement resurfacing and/or rehabilitation
1.11	Pavement marking demonstration
1.12	Emergency Relief (23 U.S.C. 125)
1.13	Fencing
1.14	Skid treatments
1.15	Safety roadside rest areas
1.16	Adding medians
1.17	Truck climbing lanes outside the urbanized area
1.18	Lighting improvements
1.19	Widening narrow pavements or reconstructing bridges (no additional travel lanes)
1.20	Emergency truck pullovers
2.01	Operating assistance to transit agencies
2.02	Purchase of support vehicles
2.03	Rehabilitation of transit vehicles
2.04	Purchase of office, shop, and operating equipment for existing facilities
2.05	Purchase of operating equipment for vehicles (e.g. radios, Fareboxes, lifts, etc.)
2.06	Construction or renovation of power, signal, and communications systems
2.07	Construction of small passenger shelters and information kiosks
2.08	Reconstruction or renovation of transit buildings and structures
2.09	Rehabilitation or reconstruction of track structures, track, and trackbed in existing right of way
2.10	Purchase of new buses and rail cars to replace existing vehicles or for minor expansions of the fleet
2.11	Construction of new bus or rail storage/maintenance facilities categorically excluded in 23 CFR 771
3.01	Continuation of ride-sharing and van-pooling promotion activities at current levels
3.02	Bicycle and pedestrian facilities
4.01	Specific activities which do not involve or lead directly to construction
4.02	Grants for training and research
4.03	Planning activities conducted pursuant to titles 23 and 49 U.S.C.

Air Quality Exempt Codes (cont.)

Exempt Code	Description of Exempt Code
4.04	Federal Aid systems revisions
4.05	Engineering to assess social, economic, and environmental effects of the proposed action or alternatives to that action
4.06	Noise attenuation
4.07	Emergency or hardship advance land acquisitions (23 CFR 712.204(d))
4.08	Acquisition of scenic easements
4.09	Plantings, landscaping, etc.
4.10	Sign removal
4.11	Directional and informational signs
4.12	Transportation enhancement activities (excepting rehabilitation and operation of historic transportation buildings, structures, or facilities)
4.13	Repair of damage caused by natural disasters, civil unrest, or terrorist acts, except projects involving substantial functional, locational or capacity
5.01	Intersection Channelization projects
5.02	Intersection signalization projects and individual intersections
5.03	Changes in vertical and horizontal alignment
5.04	Interchange reconfiguration projects
5.05	Truck size and weight inspection stations
5.06	Bus terminals and transfer points
5.07	Traffic signal synchronization projects
90.00	TCM2 Related (Non-exempt project)

APPENDIX A – 52

2015 TIP Detail

TIP Revision Process and Procedures



Metropolitan Transportation Commission 2015 Transportation Improvement Program (TIP) Revision Process and Procedures

The following is an excerpt from the Public Participation Plan (MTC Resolution No. 3821—see Appendix A-3). The Public Participation Plan was updated on December 15, 2010 following approval of the 2011 TIP to address changes in the MTC advisory committee structure, Title VI requirements, and technical changes in other areas. Furthermore, on June 3, 2011, FHWA and FTA issued changes to the FSTIP/TIP Administrative Modifications and Amendment Procedures. The TIP Revision Process and Procedures have been updated to incorporate provisions in the updated Public Participation Plan and the updated FSTIP/TIP Administrative Modifications and Amendment Procedures. These procedures are attached and posted on the internet at: <http://www.mtc.ca.gov/funding/tip/>

Updating and Revising the TIP

Federal regulations require that the TIP be updated at least once every four years. From time to time, circumstances dictate that revisions be made to the TIP between updates. MTC will consider such revisions when the circumstances prompting the change are compelling, and the change will not adversely affect transportation-air quality conformity or negatively impact the financial constraint findings of the TIP. These regulations can be viewed on MTC's website at <http://www.mtc.ca.gov/funding/tip/tiprevisionprocedures.pdf>.

In addition to a TIP update, revisions to the TIP may occur as TIP Amendments, TIP Administrative Modifications, or TIP Technical Corrections. The criteria for Administrative Modifications and Amendments are defined in federal regulations, specifically Title 23, CFR part 450.104.

The Federal Highway Administration, Federal Transit Administration, and Caltrans agreed on Amendment and Administrative Modification Guidelines on November 17, 2008 and revised these guidelines on June 3, 2011. The guidelines are posted online at: www.dot.ca.gov/hq/transprog/federal/fedfiles/res_publications/amend_mod_procedures_approval.pdf. Further explanation about TIP updates and how the types of revisions are processed are shown in the narrative below and table that follows.



- **TIP Update**

This is a complete update of the existing TIP, to reflect new or revised transportation investment strategies and priorities. An update of the TIP is required at least once every four years. Because all projects included in the TIP are consistent with the RTP, MTC's extensive public outreach for development of the RTP is reflected in the TIP as well. The TIP implements, in the short-term, the financially constrained element of the RTP and is responsive to comments received during the development of the RTP. TIP updates will be subject to the conformity and interagency consultation procedures described in MTC Resolution No. 3757 (see Appendix A-53).

- **TIP Amendment**

This is a revision that involves a major change to the TIP, such as the addition or deletion of a project; a major change in project cost or project/project phase initiation date; or a major change in design concept or design scope (e.g., changing project termini or the number of through traffic lanes). An amendment is a revision that requires public review and comment, re-demonstration of fiscal constraint, or an air quality conformity determination. Amendments requiring a transportation-air quality conformity analysis will be subject to the conformity and interagency consultation procedures described in MTC Resolution No. 3757.

- **TIP Administrative Modification**

An administrative modification includes minor changes to a project's costs or to the cost of a project phase; minor changes to funding sources of previously included projects; and minor changes to the initiation date of a project or project phase. An administrative modification does not require public review and comment, re-demonstration of fiscal constraint, or conformity determination.

- **TIP Technical Correction**

Technical corrections may be made by MTC staff as necessary. Technical corrections are not subject to an administrative modification or an amendment, and may include revisions such as: changes to information and projects that are included only for illustrative purposes; changes to information outside of the TIP period; changes to information not required to be included in the TIP per federal regulations; or changes to correct simple errors or omissions including data entry errors. These technical corrections cannot significantly impact the cost, scope, or schedule within the TIP period, nor will they be

subject to a public review and comment process, re-demonstration of fiscal constraint, or a conformity determination.

Updating and Revising the Transportation Improvement Program (TIP)

TIP Update	
❶	Notify public of opportunities to participate via U.S. mail; use appropriate lists within MTC's database, including list of Regional Transportation Plan participants Also notify the public using such methods as local media outlets; electronic-mailings to stakeholder and advocacy groups; the TIP-INFO Notification (e-mail); or via an electronic subscription system that is open for anyone to sign up to be kept informed about the TIP.
❷	Notify Bay Area Partnership technical committees or working groups Conduct Intergovernmental consultation, as appropriate.
❸	Release Draft TIP for 30-day public review and comment period <ul style="list-style-type: none">▪ Draft TIP available for viewing in MTC Library; and mailed to major libraries throughout the Bay Area▪ Posted on MTC website for public review and comment <p>Extend public review period by 5-days if final TIP differs significantly from draft TIP and the changes are considered material differences.</p>
❹	Respond to significant comments; MTC's response compiled into an appendix in the final TIP.
❺	Review by an MTC standing committee, typically the Programming & Allocations Committee (a public meeting); referral to Commission.
❻	Adoption by Commission at a public meeting. Approval by Caltrans. Approval by Federal Highway and Federal Transit Administrations (FHWA/FTA).
❼	Notify the public about the Commission's action with electronic mailings, including via an electronic subscription system that is open for anyone to sign up to be kept informed about the TIP.

TIP Amendment
<p>① Notify public via TIP-INFO Notification (e-mail) or other electronic notification methods.</p>
<p>② Notify Bay Area Partnership technical committees or working groups Available for viewing in MTC Library Posted on MTC website for public review</p>
<p>③</p> <ul style="list-style-type: none"> • Amendments deleting or adding a project or changing an existing project that is subject to a new air quality conformity analysis: <ul style="list-style-type: none"> ○ 30-day public review and comment period, with review by an MTC standing committee at a public meeting; and ○ Approval by the full Commission at a public meeting. • Amendments deleting or adding a project that is <i>not</i> subject to an air quality conformity analysis (such as a roadway rehabilitation): <ul style="list-style-type: none"> ○ Review and approval by an MTC standing committee or the full Commission at a public meeting. • An amendment changing an existing project that is not subject to an air quality conformity analysis, or changing an existing grouped project listing (such as the highway bridge program), or bringing a previously listed project or phase back into the TIP for financial purposes; or changing TIP funding revenues: <ul style="list-style-type: none"> ○ Approval by the MTC Executive Director or designee, following 5-day notice on MTC's website, or ○ Review and approval by an MTC standing committee or the full Commission at a public meeting.
<p>④ Approval by Caltrans Approval by FHWA/FTA</p> <p>Notify public via TIP-INFO Notification or via an electronic subscription system open to anyone who requests to be kept informed about the TIP.</p>

TIP Administrative Modification
<p>① No public review.</p>
<p>② Approval by MTC Executive Director or designee by delegated authority (authority is delegated by the Federal Highway Administration or Federal Transit Administration), or Caltrans</p>
<p>③ After approval, notify Bay Area Partnership technical committees or working groups.</p>
<p>④ After approval:</p> <ul style="list-style-type: none"> • post in MTC Library • post on MTC website • notify public via TIP-INFO Notification or via an electronic subscription system open to anyone who requests to be kept informed about the TIP.

TIP Technical Correction	
❶	No public review.
❷	Technical corrections by staff.
❸	No approval required.

Federal Transit Administration Program of Projects Public Participation Requirements

Federal transit law and joint Federal Highway Administration (FHWA)/Federal Transit Administration (FTA) planning regulations governing the metropolitan planning process require a locality to include the public and solicit comment when the locality develops its metropolitan long-range transportation plan and its metropolitan TIP. FTA has determined that when a recipient follows the procedures of the public involvement process outlined in the FHWA/FTA planning regulations, the recipient satisfies the public participation requirements associated with development of the Program of Projects (POP) that recipients of Section 5307 funds must meet. This Public Participation Plan follows the procedures for public involvement associated with TIP development and therefore satisfies public participation requirements for the POP. All public notices of public involvement activities and times established for public review and comment on the TIP will state that they satisfy the POP requirements of the Section 5307 Program.

TIP Revision Request Submittal

To request a TIP revision, a project sponsor must log onto MTC's Fund Management System (FMS), MTC's web based programming application tool. The project sponsor identifies the project that needs to be amended, makes the necessary changes and submits the proposal to MTC for review. Likewise, to propose a new project, the project sponsor creates a new project and submits the project proposal to MTC using FMS.

MTC staff reviews the submitted application or amendment proposal for compliance with federal regulations, statute, and regional policies, including funding completeness, impacts to air quality, financial constraint and for compliance with other federal, state and regional requirements before forwarding the submitted application or amendment for approval.

If the proposal is found not to conform to the guidelines (revision process guidelines; fund specific guidelines; Air Quality and conformity regulations), it is sent back to the project sponsor. Generally, changes that require a new Air Quality conformity analysis, as determined through the

Interagency Consultation process, are held until the next TIP update. (See page 34 of the Public Participation Plan in Appendix A-3.)

Revision Approval Authority

Staff have the authority to make technical corrections, and the Executive Director and/or a Deputy Director has signature authority to approve administrative modifications for the TIP and Federal Statewide Transportation Improvement Program (FSTIP) under delegated authority by the California Department of Transportation (Caltrans) and to forward TIP amendments once approved by the Commission to the appropriate state and federal agencies for review and approval.

Fund Management

Federal funds are to be programmed in the TIP, up to the apportionment level for that fiscal year for that fund source, within the fiscal year in which the funds are to be obligated by the Federal Highway Administration (FHWA) or transferred to the Federal Transit Administration (FTA), or awarded in a FTA grant. This ensures proper management of federal Obligation Authority (OA) against program apportionment levels within the region and ensures that OA is available for projects that are programmed in a particular fiscal year.

It is the responsibility of the project sponsor to ensure the funds can be used within the deadlines established by regional, state and federal requirements and that the provisions of MTC's regional project funding-delivery policy can be met (MTC Resolution No. 3606). It is also the responsibility of the project sponsor to continuously monitor the progress of the programmed funds against regional, state and federal deadlines, and to report any potential difficulties in meeting these deadlines to MTC, Caltrans and the appropriate county CMA within a timely manner.

Contact

For questions on the TIP revision process contact either:

Adam Crenshaw

(510) 817-5794

acrenshaw@mtc.ca.gov

A copy of this document is available on the Internet at: <http://www.mtc.ca.gov/funding/tip/>

Attachment: FSTIP/FTIP Amendment and Administrative Modification Procedures



U.S. Department
of Transportation
**Federal Highway
Administration**

**Federal Highway Administration
California Division**

June 3, 2011

650 Capitol Mall, Suite 4-100
Sacramento CA 95814
(916) 498-5001
(916) 498-5008 fax

In Reply Refer To:
HDA-CA

Doc ID: 62,530

Mr. Malcolm Dougherty, Acting Caltrans Director
California Department of Transportation
1120 N Street
Sacramento, CA 95814

Attention: Federal Resources Office, M.S. 82
For Rachel Falsetti, Division of Transportation Programming

SUBJECT: Revised Federal – Federal Statewide Transportation Improvement Program
(FSTIP) and Federal Transportation Improvement Program (FTIP) Amendment
and Administrative Modification Procedures

In our letter dated November 17, 2008, the Federal Transit Administration (FTA) and the Federal Highway Administration (FHWA) provided the California Department of Transportation (Caltrans) procedures on the FSTIP/FTIP Administration Modification and Amendment process.

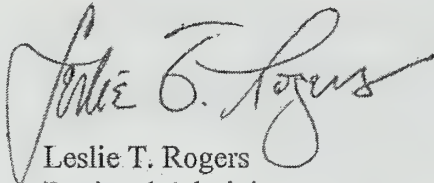
Working in coordination with Caltrans, FTA and FHWA have revised the FSTIP/FTIP Administration Modification and Amendment Procedures. The enclosed revised procedures provide much more flexibility, and in the spirit of FHWA's Every Day Counts Initiative, should shorten project delivery time by allowing for fewer formal amendments which generally take longer to process.

The revised procedures detail what specific types of programming changes to the FSTIP/FTIPs may be made as administrative modifications, for which approval has been delegated to the State, and what changes must be submitted to FHWA and/or FTA for approval as formal amendments. These procedures are intended to offer more flexibility to Caltrans and the Metropolitan Planning Organizations (MPOs) as well as clarify the parameters of an administrative modification.

Throughout the FSTIP/FTIP Administration Modification and Amendment Procedures update process, the FHWA and FTA have been very pleased with our partnership with Caltrans. This effort highlights Caltrans' continued dedication to the stewardship of the Federal-aid Program. More specifically, the FHWA and FTA extend great appreciation to Caltrans Office of Federal Transportation Management Program Chief, Mr. Muhaned Aljabiry and his staff.



If you have any questions regarding the attached procedures, please contact Ray Sukys, FTA, at 415-744-2802 (Raymond.Sukys@dot.gov) or Sue Kiser, FHWA, at 916-498-5009 (Sue.Kiser@dot.gov).



Leslie T. Rogers
Regional Administrator
Federal Transit Administration

Sincerely,



For
Robert F. Tally Jr.
Acting Division Administrator
Federal Highway Administration

Enclosure

cc: (e-mail)

Muhaned Aljabiry, Caltrans Programming

Abhijit Bagde, Caltrans Programming

Ray Sukys, FTA

Ted Matley, FTA

Scott Carson, FHWA

Cecilia Crenshaw, FHWA

Jermaine Hannon, FHWA

Wade Hobbs, FHWA

Sue Kiser, FHWA

Aimee Kratovil, FHWA

Michael Morris, FHWA

Stew Sonnenberg, FHWA

Joseph Vaughn, FHWA

JRH/km

FSTIP/FTIP Administrative Modifications and Amendments Procedures

The following procedures are applicable for processing amendments and administrative modifications to the Federal – Statewide Transportation Improvement Program (FSTIP) and the Federal Transportation Improvement Programs (FTIPs).

Projects programmed in the FSTIP may be delivered in any of the recognized program years of the FSTIP provided Expedited Project Selection Procedures (EPSPs) have been adopted by the MPOs in accordance with 23 CFR 450, and the required interagency consultation or coordination is accomplished and documented. Changing the obligation year of a project using EPSP does not require an administrative modification or an amendment if the change does not require an air quality conformity determination.

1. Administrative Modifications:

An administrative modification is a minor change to the FSTIP/FTIP that does not require a conformity determination, a demonstration of fiscal constraint, public review and comment, or federal approval. The following changes to the FSTIP/FTIP can be processed through administrative modifications:

- i. Revise description of a project or a grouped project listing without changing the project scope or without conflicting with the approved environmental document;
- ii. Revise the funding amount listed for a project or a project phase. Additional funding is limited to the lesser of 40 percent of the total project cost or \$10 million. Programming capacity must be available in the FSTIP/FTIP prior to programming the modification and stated in the supporting documentation, See Table below for examples;

(Note: Updated FTIP financial plans may be requested by Caltrans to validate fiscal constraint, if a MPO has processed only Administrative Modifications for a period of six months or more.)

Initial Project Cost	New Project Cost	Total Sum Increase	% Change in Cost	% Change < or = 40%	Total Sum Increased is < or = \$10M	Type of Amendment (Formal or Administrative)
\$1,000,000	\$1,400,000	\$400,000	40%	Yes	Yes	Administrative
\$10,000,000	\$15,000,000	\$5,000,000	50%	No	Yes	Formal
\$500,000,000	\$510,000,000	\$10,000,000	2%	Yes	Yes	Administrative
\$100,000	\$140,000	\$40,000	40%	Yes	Yes	Administrative
\$400,000	\$1,000,000	\$600,000	150%	No	Yes	Formal
\$2,500,000	\$3,000,000	\$500,000	20%	Yes	Yes	Administrative

- iii. Program Preliminary Engineering (PE) phase, provided the Right of Way and/or Construction phase(s) are already programmed in the current

FSTIP/FTIP and additional funding amounts stay within the limits specified in Section ii.

(Note: Activities done prior to Federal Authorization are not eligible for Federal participation.)

- iv. A cost decrease has no cap as long as reduction in cost does not result in deletion of a project or a phase, and the affected project phase is still fully funded.
- v. Change source of funds.
- vi. Change a project lead agency.
- vii. Program Federal funds for Advance Construction conversion, programming capacity must be available in the FSTIP/FTIP prior to programming the conversion.
- viii. Change the program year of funds within the current FSTIP/FTIP provided MPO has adopted EPSP in accordance with 23 CFR 450.
- ix. Split or combine an individually listed project or projects, provided that the schedule and scope remain unchanged.
- x. Change grouped project listings description as long as it is consistent with the Programming Grouped Project Listings in Air Quality Non-Attainment or Maintenance Areas guidance.
- xi. Add or delete a project or projects from a grouped project listing, provided the funding amount stays within the limits specified in Section ii.
- xii. Program emergency repair projects on the state highways as a result of a natural disaster or catastrophic failure from an external cause, and that are not covered by the Emergency Relief Program, provided that these projects are exempt from Air Quality Conformity Requirements.
- xiii. Re-program a project for which FHWA funds were transferred to FTA in the prior FSTIP/FTIP and FTA has not approved the grant yet. The project can be programmed in the current FSTIP/FTIP via an administrative modification provided there is no change in the original scope or cost. Program the project using fund type "FTA 5307 (FHWA Transfer Funds)" in the FSTIP/FTIP.
- xiv. Program an FTA funded project from the prior FSTIP/FTIP into the current FSTIP/FTIP provided there is no change in the original scope or cost. Use the project description field (or "CTIPS MPO Comments" section) to list the year, amount, and type of the prior year funds.
- xv. Make minor changes to an FTA funded grouped project listing. Minor changes include changing the number of transit vehicles purchased by 20% or less and changing the fuel type of transit vehicles. The MPO must take the change through its interagency consultation procedures to confirm that the change in scope is minor.

2. Amendments:

Amendments are all other modifications to the FSTIP/FTIP that are not included under administrative modifications and shall be approved in accord with the provisions of 23

CFR 450.326 for each metropolitan area in the State, and in accord with the provisions of 23 CFR 450.216 for the non-metropolitan area.

3. Procedures:

a. Administrative Modifications:

MPOs with approval delegation from Caltrans

Caltrans may delegate to an MPO's Board the authority to approve administrative modifications. In such a case, no Caltrans approval of administrative modifications is required. If the MPO Board has delegated the authority to the Executive Director to approve administrative modifications, the MPO must provide copies of the delegation to Caltrans, FHWA, and FTA. The MPO must send copies of the approved administrative modification to Caltrans, FHWA, and FTA. Once approved by the MPO, the administrative modification will be deemed part of the FSTIP. The MPO will demonstrate in a subsequent amendment that the net financial change from each administrative modification has been accounted for. Caltrans will conduct periodic reviews of MPO's administrative modification process to confirm adherence to these procedures. Noncompliance with these procedures will result in revocation of that MPO's delegation.

MPOs without approval delegation from Caltrans

Each MPO's administrative modification will be forwarded to Caltrans Division of Transportation Programming for approval. If the MPO Board has delegated the authority to the Executive Director to sign off on administrative modifications, the MPO must provide copies of the delegation to Caltrans, FHWA, and FTA. The MPO must send copies of the administrative modification to Caltrans, FHWA, and FTA. In addition, the MPO must demonstrate in a subsequent amendment that the net financial change from each administrative modification has been accounted for. Once approved by Caltrans, the administrative modification will be deemed part of the FSTIP since no Federal action is required. Caltrans will notify FHWA and FTA of the approved administrative modification.

(Note: If it is found that an approved administrative modification does not meet the criteria of an administrative modification, FHWA and FTA reserves the right to reject that administrative modification and require a formal amendment.)

b. Amendments:

Amendments to the FSTIP must be developed in accordance with the provisions of 23 CFR 450, and approved by FHWA and/or FTA in accordance with 23 CFR 450 and the July 15, 2004 MOU between FHWA – California Division and FTA Region 9. Each amendment must be forwarded to Caltrans Division of Transportation Programming for approval on behalf of the Governor. To expedite processing, the MPO will also forward a copy of the submitted amendment to FHWA and FTA at the same time the amendment is sent to Caltrans. Once

approved by Caltrans, the amendment will be forwarded to FHWA and/or FTA for federal approval. Once approved by FHWA and/or FTA, the amendment will be deemed part of the FSTIP. The FHWA and/or FTA approval letter and respective Conformity Determination will be addressed to Caltrans, with copies sent to the MPO.

4. Consultation:

If a question arises regarding the interpretation of what constitutes an administrative modification or an amendment, Caltrans, the MPO, FHWA and/or FTA will consult with each other to resolve the question. If after consultation the parties disagree, the final decision rests with FTA, for transit projects, and FHWA, for highway projects.

Any exception to these procedures is allowed only through consultation among MPOs, Caltrans, and FHWA/FTA. FTA, for transit projects, and FHWA, for highway projects, will have the final decision whether or not such an exception is granted.

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APPENDIX A – 53

2015 TIP Detail

**San Francisco Bay Area Air Quality
Conformity Protocol**

MTC Resolution No. 3757



Date: July 26, 2006
W.I.: 1412
Referred by: Planning Committee

ABSTRACT

Resolution No. 3757

This Resolution approves the "San Francisco Bay Area Transportation Air Quality Conformity Protocol," listed as Attachment A (conformity procedures) and Attachment B (interagency consultation procedures), for determining the conformity of the Regional Transportation Plan and Transportation Improvement Program with federal air quality plans and procedures. These two Attachments constitute the "Conformity SIP" for the San Francisco Bay Area (the conformity portion of the State Implementation Plan (SIP)).

This Resolution will be submitted to the California Air Resources Board (ARB) and the U.S. Environmental Protection Agency (EPA) for approval as revisions to the California State Implementation Plan (SIP), which governs transportation conformity and decisions in the San Francisco Bay Area.

Date: July 26, 2006
W.I.: 1412
Referred by: Planning Committee

Re: Approval of San Francisco Bay Area Transportation Air Quality Conformity Protocol

METROPOLITAN TRANSPORTATION COMMISSION
RESOLUTION NO. 3757

WHEREAS, the Metropolitan Transportation Commission (MTC) is the regional transportation planning agency for the San Francisco Bay Area pursuant to Government Code § 66500 et seq.; and

WHEREAS, the Bay Area Air Quality Management District (BAAQMD), Association of Bay Area Governments (ABAG) and MTC are collectively responsible for developing and implementing various portions of the federal air quality plans in the San Francisco Bay Area; and

WHEREAS, prior to adopting or amending the long-range Regional Transportation Plan (RTP) and Transportation Improvement Program (TIP), MTC must first determine that these plans and programs conform to the federal air quality plan for the San Francisco Bay Area (termed the State Implementation Plan, or SIP) using procedures established by the U.S. Environmental Protection Agency (EPA); and

WHEREAS, the three agencies have prepared a protocol for determining transportation air quality conformity in compliance with Federal regulation entitled: San Francisco Bay Area Transportation Air Quality Conformity Protocol ("the Protocol"), which includes certain conformity procedures relating to transportation plans, programs, and projects and the interagency consultation procedures, attached hereto as Attachment A and Attachment B, respectively, and incorporated herein as though set forth at length; and

WHEREAS, the three agencies have revised the Protocol to reflect the most recent guidance provided by the U.S. EPA; and

WHEREAS, Federal regulations for amending the SIP require a public hearing prior to adoption or changes to the Protocol, and the BAAQMD and ABAG have delegated authority to MTC to hold a public hearing on the Protocol as proposed herein; and

WHEREAS, MTC held a duly noticed public hearing on June 9, 2006; and

WHEREAS, at the conclusion of the public hearing, the Protocol was referred back to the three respective agencies along with the public comments and staff recommendations that each agency adopt the new Protocol; and

WHEREAS, the Protocol must be submitted to the California Air Resources Board (ARB) for review and subsequent submittal to the U.S. Environmental Protection Agency (EPA) for revision of the California State Implementation Plan (SIP), now therefore be it

RESOLVED, that the Protocol to be included in the Conformity SIP are approved for submission to CARB and to EPA; and, be it further

RESOLVED, that the MTC staff may make minor adjustments, as necessary, to the Protocol in the Conformity SIP in response to ARB and EPA comments; and, be it further

RESOLVED, that this resolution supercedes MTC Resolution No. 3075.

METROPOLITAN TRANSPORTATION COMMISSION



Jon Rubin, Chair

The above resolution was entered into by the Metropolitan Transportation Commission at a regular meeting of the Commission held in Oakland, California, on July 26, 2006.

Date: July 26, 2006
W.I.: 1412
Referred by: Planning Committee

Attachment A
Resolution No. 3757
Page 1 of 1

SAN FRANCISCO BAY AREA TRANSPORTATION AIR QUALITY CONFORMITY PROTOCOL

Conformity Procedures

Current federal law does not require that EPA's detailed procedures for determining the conformity of plans, programs and projects be included in the Conformity SIP. Therefore, Part 93 of MTC's conformity procedures (MTC Resolution 3075), which includes verbatim EPA's transportation conformity regulation from 40 CFR Part 93, is deleted in entirety, with the exception of sections 93.122(a)(4)(ii) and 93.125(c)(see below).

In accordance with 40 CFR section 93.122(a)(4)(ii), prior to making a conformity determination on the RTP or TIP, MTC will not include emissions reduction credits from any control measures that are not included in the RTP or TIP and that do not require a regulatory action in the regional emissions analysis used in the conformity analysis unless MTC or FHWA/FTA obtains written commitments, as defined in 40 CFR section 93.101, from the appropriate entities to implement those control measures. The written commitments to implement those control measures must be fulfilled by the appropriate entities.

In accordance with 40 CFR section 93.125(c), prior to making a project-level conformity determination for a transportation project, FHWA/FTA must obtain from the project sponsor and/or operator written commitments, as defined in 40 CFR section 93.101, to implement any project-level mitigation or control measures in the construction or operation of the project identified as conditions for NEPA approval. The written commitments to implement those project-level mitigation or control measures must be fulfilled by the appropriate entities. Prior to making a conformity determination on the RTP or TIP, MTC will ensure the project design concept and scope are appropriately identified in the regional emissions analysis used in the conformity analysis.

Date: July 26, 2006
W.I.: 1412
Referred by: Planning Committee

Attachment B
Resolution No. 3757
Page 1 of 15

SAN FRANCISCO BAY AREA TRANSPORTATION AIR QUALITY CONFORMITY PROTOCOL

Interagency Consultation Procedures

I. General

These procedures implement the interagency consultation process for the nine-county San Francisco Bay Area, and include procedures to be undertaken by the Metropolitan Transportation Commission (MTC), California Department of Transportation (Caltrans), Federal Highway Administration (FHWA), Federal Transit Administration (FTA), State and local air agencies and U.S. EPA, before making transportation conformity determinations on the Regional Transportation Plan (RTP) and Transportation Improvement Program (TIP). Air quality planning in the Bay Area is the joint responsibility of the Metropolitan Transportation Commission (MTC), Association of Bay Area Governments (ABAG) and the Bay Area Air Quality Management District (BAAQMD).

Air Quality Conformity Task Force

To conduct consultation, staff involved in conformity issues for their respective agencies will participate in an Air Quality Conformity Task Force, hereafter referred to as the "Conformity Task Force." The Conformity Task Force is open to all interested agencies, but will include staff of:

- Federal agencies: FHWA, FTA, EPA
- State DOT: Caltrans
- Regional planning agencies: MTC, ABAG
- County transportation agencies: all CMAs,
- State and local air quality agencies: California Air Resources Board and BAAQMD
- Transit operators

MTC will maintain a directory for the current membership of the Conformity Task Force. MTC will chair the Conformity Task Force and will consult with members of the Conformity Task Force to determine items for meeting agendas and will transmit all meeting materials. Agendas and other meeting material will generally be transmitted seven days in advance of meetings, or on occasion, distributed at the meetings. MTC will prepare summary minutes of each meeting. Any member of the Conformity Task Force listed above can request MTC to call a meeting of this group to discuss issues under the purview of the Conformity Task Force as described below,

including whether certain events would trigger the need to make a new conformity determination for the Regional Transportation Plan (RTP) and Transportation Improvement Program (TIP).

Persons of any organizational level in the member agencies may attend meetings of the Conformity Task Force. All meetings of the Conformity Task Force will be open to the public.

Meeting frequency will be at least quarterly, unless there is consensus among the federal and state transportation agencies and air quality agencies to meet less frequently. MTC will also consult with these agencies to determine which items may not require a face-to-face meeting and could be handled via conference call or email.

II. Consultation on Regional Transportation Plan (RTP) and RTP Amendments

a. RTP Consultation Structure and Process

The mechanism for developing the RTP and for reviewing RTP documents is through The Bay Area Partnership or its successor. MTC is responsible for convening meetings of The Bay Area Partnership and its subcommittees.

The Bay Area Partnership, hereafter referred to as the "Partnership", was established in 1991 by MTC as a strategic alliance to advise and implement the mandates of the Intermodal Surface Transportation Efficiency Act of 1991. The Partnership includes representatives of all federal, state and local transportation agencies involved in developing and implementing transportation policies and programs in the nine-county San Francisco Bay Area as well as other regional agencies, such as the BAAQMD, ABAG, and Bay Conservation and Development Commission (BCDC). The Conformity Task Force member agencies, including EPA and ARB, are represented on the Partnership, and therefore the Conformity Task Force member agencies may participate directly in the Partnership process. MTC maintains a directory of the current membership of the Partnership. Partnership membership changes are frequent and expected. The current membership of the Conformity Task Force will be included in the Partnership directory.

Early in the RTP development process, MTC will develop a schedule for key activities and meetings leading up to the adoption of the RTP. In developing the draft RTP, MTC brings important RTP-related issues to the Partnership for discussion and feedback. MTC is responsible for transmitting all materials used for these discussions to the Partnership prior to the meetings, or on occasion, may distribute materials at the meetings. All materials that are relevant to interagency consultation, such as the RTP schedule, important RTP-related issues, and draft RTP, will also be transmitted to the Conformity Task Force for discussion and feedback. Similar consultation will occur with RTP amendments although amendments to the RTP are few and infrequent.

Public involvement in development of the RTP and RTP Amendments will be provided in accordance with MTC's adopted public involvement procedures. Key RTP supporting documents are posted on MTC's Web site for reference.

Policy decisions and actions pertaining to the RTP are the responsibility of MTC and will be made through MTC's Commission and its standing committee structure. The MTC standing committee currently in charge of the RTP is the Planning Committee, but changes to committee names can be expected from time to time. Comments received on important RTP-related issues and materials will be reviewed and considered by MTC staff in preparation of issuing a draft and final RTP for public review. MTC staff will respond to all significant comments, and the comments and response to comments will be made available for discussion with the Planning Committee and the Commission. MTC will transmit RTP-related materials to be discussed at the Planning Committee and Commission meetings to the Conformity Task Force prior to the meeting, or on occasion, may distribute materials at the meetings. Staff and policy board members of Conformity Task Force agencies may participate in these meetings.

b. Agency Roles and Responsibilities. Development of the RTP will be a collaborative process with agencies participating through participation the Partnership and/or MTC Commission and its standing committees. The following are the expected participation of key agencies in RTP development and review.

Agency	Roles
MTC	As the MPO for the San Francisco Bay Area, MTC develops, coordinates, circulates and provides for public involvement prior to adopting the RTP. Develops supporting technical documents, environmental documents, public information and other supplemental reports related to RTP. Prepares conformity analysis for RTP and makes conformity findings prior to adoption. Includes funding for TCMs in RTP. MTC Commission will act as the final policy body in the development and adoption of the RTP.
ABAG	Adopts long-range land use and demographic projections for the Bay Area. Provides detailed demographic data to MTC for travel forecasting and regional emissions analysis.
California DOT (Caltrans)	Project initiator for all state highway projects in the MTC region. Works directly with MTC in providing and reviewing detailed technical programming information. Defines the design concept and scope of projects in the RTP to conduct regional emissions analysis. Promptly notifies MTC of changes in design concept and scope, cost, and implementation year of regionally significant projects. Conducts project level CO and PM hotspot analyses. Identifies and commits to project level CO and PM mitigation measures, as required. Implements TCMs for which Caltrans is responsible in a timely fashion.
California ARB	Develops, solicits input on and adopts motor vehicle emissions factors; seeks EPA approval for their use in conformity analyses.
BAAQMD	Reviews and comments on all aspects of the conformity determinations for the RTP.
EPA	Administers and provides guidance on the Clean Air Act and Transportation Conformity regulations. Determines adequacy of motor vehicle emissions budget used for making RTP conformity findings. Reviews and comments on conformity determinations for the RTP.

Agency	Roles
Local Municipalities	Local municipalities propose projects for inclusion in the RTP and provide related information on design concept and scope for all regionally significant projects, including facilities where detailed design features have not yet been decided. Promptly notifies MTC of changes in design concept and scope, cost, and implementation year of regionally significant projects that would affect a new conformity analysis. Conducts project level CO and PM hotspot analyses. Identifies and commits to project level mitigation measures for CO and PM, as required. Implement TCMs for which local governments have responsibility in a timely fashion.
Local Transportation Agencies (CMAs, Transit Operators)	Project initiators for certain road and transit projects. See above Local Municipalities.
FHWA/FTA	FHWA and FTA consult with EPA on finding that the RTP conforms to the SIP. Provide guidance on transportation planning regulations. Ensure that all transportation planning and transportation conformity requirements contained in 23 CFR Part 450 and 40 CFR Part 93, respectively, are met.

* While these are the key areas and agencies involved in the development of the RTP, participation in the RTP process by other agencies may occur.

c. Consultation on RTP and RTP Amendment Conformity Analysis

Consultation on the assumptions and approach to the conformity analysis of the RTP or RTP Amendment will occur during the preparation of the draft RTP or RTP Amendment. MTC typically starts discussing the assumptions and approach to the conformity analysis with the Conformity Task Force at least two to three months prior to the conformity analysis being conducted. Early in the RTP or RTP Amendment development process, MTC will consult with the Conformity Task Force on, at a minimum, the following topics:

- Travel forecasting and modeling assumptions
- Latest planning assumptions
- Motor vehicle emission factors to be used in conformity analysis
- Appropriate analysis years
- Key regionally significant projects assumed in the transportation network and the year of operation
- Status of TCM implementation
- Financial constraints and other requirements that affect conformity pursuant to Federal Statewide and Metropolitan Planning regulations.
- Reliance on a previous regional emissions analysis
- The need for an Interim RTP (in the event of a conformity lapse)

The preparation of the draft conformity analysis will typically begin after public review of the draft RTP or RTP Amendment since there may be changes to projects and programs resulting from further public input. MTC will transmit the results of the draft conformity analysis to the

Conformity Task Force prior to releasing the draft conformity analysis for public review. The Conformity Task Force will respond promptly to MTC staff with any comments. The draft conformity analysis will be available for public review at least 30 days prior to any final action by MTC on the final conformity analysis and RTP or RTP Amendment. MTC will consult with the Conformity Task Force, as needed, in preparing written responses to significant comments on the draft conformity analysis. The draft conformity analysis will be reviewed by the MTC standing committee responsible for the RTP and will be referred to the Commission for approval. Members of the public can comment on the draft conformity analysis in writing or in person at MTC meetings prior to the close of the 30-day public review period. After the Commission approves the final conformity analysis, MTC will provide the final conformity analysis to FHWA/FTA for joint review as required by 40 CRF 93.104 and 23 CRF 450.322 of the FHWA/FTA Statewide and Metropolitan Planning Rule. Copies of the final conformity analysis will also be transmitted to the Conformity Task Force and made available in the MTC/ABAG Library and MTC's Web site.

III. Consultation on Transportation Improvement Program (TIP) and TIP Amendments

a. TIP Consultation Structure and Process

Similar to the RTP development, the mechanism for developing the TIP or TIP Amendments is through the Partnership or its successor. MTC is responsible for convening meetings of the Partnership and its subcommittees. These meetings are open to the public.

The Partnership includes representatives of all federal, state and local transportation agencies involved in developing and implementing transportation policies and programs in the nine-county San Francisco Bay Area as well as other regional agencies, such as the BAAQMD, ABAG, and BCDC. The Conformity Task Force member agencies, including EPA and ARB, are represented on the Partnership, and therefore the Conformity Task Force member agencies may participate directly in the Partnership process.

Early in the TIP development process, MTC will develop a schedule for key activities and meetings leading up to the adoption of the TIP. In developing the draft TIP, MTC brings important TIP-related issues to the Partnership for discussion and feedback. MTC is responsible for transmitting all materials used for these discussions to the Partnership prior to the meetings, or on occasion, may distribute materials at the meetings. All materials that are relevant to interagency consultation, such as the TIP schedule, important TIP-related issues, and draft TIP, will also be transmitted to the Conformity Task Force for discussion and feedback. Similar consultation will occur for TIP Amendments requiring an air quality conformity determination.

Public involvement in development of the TIP or TIP Amendments will be provided in accordance with MTC's adopted public involvement procedures. Key TIP supporting documents are posted on MTC's Web site for reference.

Policy decisions and actions pertaining to the TIP are the responsibility of MTC and will be made through MTC's Commission and its standing committee structure. The MTC standing committee

currently in charge of the TIP is the Programming and Allocations Committee, but changes to committee names can be expected from time to time. Comments received on important TIP-related issues and materials will be reviewed and considered by MTC staff in preparation of issuing a draft and final TIP for public review. MTC staff will respond to all significant comments, and the comments and response to comments will be made available for discussion with the Programming and Allocations Committee and the Commission. MTC will transmit TIP-related materials to be discussed at the Programming and Allocations Committee and Commission meetings to the Conformity Task Force prior to the meeting, or on occasion, may distribute materials at the meetings. Staff and policy board members of Conformity Task Force agencies may participate in these meetings.

b. Agency Roles and Responsibilities

Development of the TIP will be a collaborative process with agencies participating through the Partnership or its successor. The following are the expected participation of key agencies in TIP development and review:

Agency	Roles
MTC	As MPO for the San Francisco Bay Area, MTC develops, coordinates, circulates and provides for public involvement prior to adopting the TIP. Develops supporting technical documents and memorandum. Ensures projects in the TIP are consistent with the RTP. Ensures project sponsors have written commitments to any CO or PM mitigation measures required as conditions to NEPA process, prior to funding approval. Prepares conformity analysis for the TIP and makes conformity findings prior to adoption. Includes funding for TCMs in the TIP to ensure timely implementation. MTC Commission will act as the final policy body in the development of the TIP, prior to submittal to Caltrans, FHWA and FTA.
ABAG	Adopts long-range land use and demographic projections for the Bay Area. Provides detailed demographic data to MTC for travel forecasting and regional emissions analysis.
California DOT (Caltrans)	Project initiator for all state highway projects in the MTC region. As such, works directly with MTC in providing and reviewing detailed technical programming information. Defines the design concept and scope of projects in the TIP to conduct regional emissions analysis and provides costs. Promptly notifies MTC of changes in design concept and scope, cost, and implementation year of regionally significant projects. Conducts project level CO and PM hotspot analyses. Identifies and commits to certain CO and PM mitigation measures, as required. Implements TCMs for which Caltrans is responsible in a timely fashion.
California ARB	Develops, solicits input on and adopts motor vehicle emissions factors. Seeks EPA approval for their use in conformity analyses
BAAQMD	Reviews and comments on all aspects of the conformity determinations for the TIP.
EPA	Administers and provides guidance on the Clean Air Act and transportation conformity regulations. Determines adequacy of motor vehicle emissions budget used for making TIP conformity findings. Reviews and comments on conformity determinations for the TIP.

Agency	Roles
Local Municipalities	Local municipalities propose projects for inclusion in the TIP. Responsible for informing MTC of design concept and scope and costs of all regionally significant projects, including non-FHWA/FTA funded projects when the project sponsor is a recipient of federal funds. Provides design concept and scope for facilities where detailed design features have not yet been decided. Promptly notifies MTC of changes in design concept and scope, cost, and implementation year of any regionally significant projects that would affect a new conformity analysis. Ensures regionally significant projects are in a conforming RTP and TIP (or otherwise meet the requirements of EPA conformity regulations, Sec. 93.121) prior to local approval action. Conducts project level CO and PM hotspot analyses. Identifies and commits to project level mitigation measures for CO and PM, as required. Implement TCMs for which local governments have responsibility in a timely fashion.
Local Transportation Agencies (CMAs, Transit Operators)	Project initiators for certain road and transit projects. See above Local Municipalities.
FHWA/FTA	FHWA and FTA consult with EPA on finding that the TIP conforms to the SIP. Provide guidance on transportation planning regulations. Ensure that all transportation planning and transportation conformity requirements contained in 23 CFR Part 450 and 40 CFR Part 93, respectively, are met.

* While these are the key areas and agencies involved in the development of the TIP, participation in the TIP process by other agencies may occur.

c. Consultation and Notification Procedures for Conformity Analysis of TIP and TIP Amendments

Adoption of a new TIP will occur at intervals specified in federal planning requirements, whereas TIP Amendments can be expected to occur much more frequently. Consultation on the assumptions and approach to the conformity analysis of the TIP or TIP Amendment will occur during the preparation of the draft TIP or TIP Amendment. MTC typically starts discussing the assumptions and approach to the conformity analysis with the Conformity Task Force at least two to three months prior to the conformity analysis being conducted. When preparing a new TIP, MTC will consult with the Conformity Task Force on the same topics listed for the RTP (see Section II.c.), as well as the additional topics listed below:

- Identification of exempt projects in the TIP
- Identification of exempt projects which should be treated as non exempt
- Determination of projects which are regionally significant (both FHWA/FTA and non FHWA/FTA funded projects)
- Development of an Interim TIP (in the event of a conformity lapse)

For TIP Amendments, MTC will consult with the Conformity Task Force as identified below:

Consultation Required in Situations Requiring a Conformity Determination, Including But Not Limited To:

- Add a regionally significant project to the TIP when it has already been appropriately accounted for in the regional emissions analysis for the RTP
- Add a non-regionally significant project to the TIP
- Add non-exempt, regionally significant project that has not been accounted for in the regional emissions analysis
- Change in non-exempt, regionally significant project that is not consistent with the design concept and scope or the conformity analysis years

In addition, notification at the beginning of the public comment period is required for major amendments that add/delete exempt project or project phases to/from the TIP and add environmental studies for non-exempt project to the TIP.

Some changes to an adopted TIP do not require consultation or notification of these changes to federal or state agencies.

No Consultation Required:

According to FHWA/FTA/Caltrans *Procedures for Minor Modification to the FSTIP*, minor change amendments are revisions to project descriptions that do not affect the scope or conflict with the environmental documents, funding revisions that are no more than \$2 million but not more than 20% of the total project cost, changes to fund sources, changes to project lead agency, changes that split or combine projects with no scope or funding changes, changes to required information for grouped projects and adding or deleting projects from grouped project listings. Per the *Procedures for Minor Modification to the FSTIP*, these types of changes are considered administrative actions and do not require any public notification or consultation.

The preparation of the draft conformity analysis will typically begin during the public review period and be completed when all changes to the proposed listing of projects and programs in the draft TIP or TIP Amendment have been finalized. MTC will transmit the results of the draft conformity analysis to the Conformity Task Force prior to releasing the draft conformity analysis for public review. The Conformity Task Force will respond promptly to MTC staff with any comments. The draft conformity analysis will be available for public review at least 30 days prior to any final action by MTC on the final conformity analysis and TIP or TIP Amendment. MTC will consult with the Conformity Task Force, as needed, in preparing written responses to significant comments on the draft conformity analysis. The draft conformity analysis will be reviewed by the MTC standing committee responsible for the TIP and will be referred to the Commission for approval. Members of the public can comment on the draft conformity analysis in writing or in person at MTC meetings prior to the close of the 30-day public review period. After the Commission approves the final conformity analysis, MTC will provide the final conformity analysis to FHWA/FTA for joint review as required by 40 CFR 93.104 and 23 CFR 450.322 of the FHWA/FTA Statewide and Metropolitan Planning Rule. Copies of the final

conformity analysis will also be transmitted to the Conformity Task Force and made available in the MTC/ABAG Library and MTC's Web site.

IV. State Implementation Plan (SIP) Consultation Process

a. SIP Consultation Structure and Process

The BAAQMD, MTC and ABAG have co-lead responsibilities for preparing the SIP. The SIP will normally be developed through a series of workshops, technical meetings, and public involvement forums independent of the Conformity Task Force; however, all Conformity Task Force agencies will be provided with all information and every opportunity to fully participate in the development of the SIP. The BAAQMD will provide and update schedules for SIP development that will be available to all agencies and the public. Public involvement will be in accordance with the BAAQMD's public involvement procedures. Key documents will be posted on BAAQMD's website. SIP development will normally cover inventory development, determination of emission reductions necessary to achieve and/or maintain federal air quality standards, transportation and other control strategies that may be necessary to achieve these standards, contingency measures, and other such technical documentation as required. The SIP will include a process to develop and evaluate transportation control measures as may be suggested by the co-lead agencies, other agencies, and the public.

MTC will consult with the BAAQMD and ARB in providing the travel activity data used to develop the on-road motor vehicle emissions inventory. If new transportation control strategies are necessary to achieve and/or maintain federal air quality standards, MTC will evaluate and receive public comment on potential new measures through the SIP consultation process administered by the BAAQMD. This SIP process will define the motor vehicle emissions budget (MVEB), and its various components, that will be used for future conformity determinations of the RTP and TIP. Prior to publishing the draft SIP, the Conformity Task Force will have an opportunity to review and comment on the proposed MVEB.

The BAAQMD will circulate the draft SIP for public review, and all comments will be responded to in writing prior to adoption of the SIP by the co-lead agencies. The Boards of the co-lead agencies will formally adopt the submittal. The BAAQMD will then transmit the adopted submittal, along with the public notice, public hearing transcript and a summary of comments and responses, to the ARB.

b. Agency Roles and Responsibilities

The following provides a summary on the roles and responsibilities of the different agencies with involvement in development and review of SIP submittals dealing with TCMs or emissions budgets.

Agency	Responsibilities
MTC	MTC is a co-lead agency for development of the SIP. Responsibilities may include preparing initial drafts of SIP submittals, revising those drafts, incorporating other agencies' comments, and preparing public hearing transcripts and responding to public comments. MTC is responsible for developing regional travel demand forecasts used in the SIP emissions inventory and analysis of new TCMs. MTC develops, analyzes, and monitors and reports on implementation of federal TCMs. MTC participates in public workshops and hearings on the SIP. MTC will provide final SIP documents to the Conformity Task Force and place copies in MTC's library.
ABAG	ABAG is a co-lead agency for development of the SIP. Responsibilities may include preparing initial drafts of SIP submittals, revising those drafts, incorporating other agency comments, and preparing public hearing transcripts and responding to public comments. ABAG's responsibilities include developing regional economic, land use and population forecasts used in developing SIP inventories. ABAG participates in public workshops and hearings on SIP submittals.
California DOT (Caltrans)	Caltrans participates through various meetings, workshops, and hearings that are conducted by the co-lead agencies.
California ARB	ARB participates in the SIP development process in the Bay Area. ARB receives the Bay Area's SIP submittals, and upon approval, transmits them to EPA. Concurs with TCM substitution in the SIP.
BAAQMD	BAAQMD is responsible for air quality monitoring, preparation and maintenance of detailed and comprehensive emissions inventories, and other air quality planning and control responsibilities. BAAQMD is responsible for air quality planning in the region. Its responsibilities may include preparing initial drafts of SIP submittals, revising those drafts, incorporating other agencies' comments, and preparing public hearing transcripts and responding to public comments. BAAQMD organizes and participates in public workshops and hearings on SIP submittals.
EPA	EPA receives the Bay Area's SIP submittals from the California ARB, and has the responsibility to act on them in a timely manner. EPA directly influences the content of the submittals through regulations implementing the federal Clean Air Act. EPA also has the opportunity to influence the submittals through various meetings, workshops, and hearings that are conducted by the co-lead agencies. Provides guidance on the Clean Air Act. Determines adequacy of motor vehicle emissions budget used for making RTP/TIP conformity findings. Concurs with TCM substitution in the SIP.
Local Municipalities	Local municipalities will also participate through various meetings, workshops, and hearings that are conducted by the co-lead agencies.
Local Transportation Agencies (CMAs and Transit Operators)	CMAs and transit operators participate through various meetings, workshops, and hearings that are conducted by the co-lead agencies. CMAs represent the collective transportation interests of cities and counties, and, in certain cases, other local agencies.
FHWA/FTA	Provide guidance on transportation planning regulations. Opportunities to participate in the SIP are as noted above.

V. Consultation process for model assumptions, design and data collection

Consultation on model assumptions, design and data collection will take place through two forums ⁽¹⁾:

Group	Role/Focus	Approximate Meeting Frequency
Conformity Task Force	Feedback on regional travel demand forecast model development and assumptions. Consultation on regional emission models and assumptions. Feedback on CO and PM hot spot analysis models developed by others	Quarterly, unless consensus to meet less frequently
Model Coordination Working Group of the Partnership	Consultation on regional travel model data collection, analysis, forecasting assumptions, and model development and calibration.	At the call of the Chair.

⁽¹⁾ Membership and meeting frequency changes are regular and expected. Committee structure is subject to change as new committees are formed or as additional committees are included in modeling consultation.

The Model Coordination Working Group focuses on regional transportation model development and coordination. The Working Group or its successor, among other duties, provides a process for consulting on the design, schedule and funding of research and data collection efforts and on development and upgrades to the regional travel demand forecast model maintained by MTC. MTC staff coordinates meetings and helps prepare agenda items. Agendas and packets are generally mailed out one week prior to each meeting. Participation is open to all interested agencies, including members of the Conformity Task Force and the public.

Significant modeling issues that affect or pertain to conformity determinations of the RTP and TIP will be brought by MTC to the Conformity Task Force for discussion prior to any conformity analysis that requires the use of the MTC travel demand forecast model. Any member of the Conformity Task Force can independently request information from MTC concerning specific issues associated with the MTC model design or assumptions, and MTC staff will make the information available.

Models for analysis of localized CO and PM₁₀ hot spots have been developed by others, and the Conformity Task Force does not have any direct role in their development or application. The Conformity Task Force may:

1. Periodically review and participate with Caltrans and other agencies as appropriate in the update of these models and procedures.
2. Refer project sponsors to the most up to date guidance on hot spot analyses.

VI. Project Level Conformity Determinations for Carbon Monoxide (CO)

All project-level conformity determinations are the responsibility of FHWA and FTA. Project sponsors should use the most recent Caltrans procedures for CO analysis approved by CARB and the EPA. In accordance with Government Code 66518 and 66520, MTC will determine the following:

1. That FHWA or FTA has approved the project-level CO conformity analysis which is included in the project's environmental document.
2. That the design concept and scope of the project has not changed significantly from that used by MTC in its regional emissions analysis of the RTP or the TIP.

The Conformity Task Force may periodically review and participate with Caltrans and other agencies as appropriate in the update of the Caltrans procedures for CO analysis, and provide technical guidance to project sponsors who use these procedures.

VII. Monitoring of Transportation Control Measures (TCMs)

The periodic conformity analyses for the RTP and TIP will include updates of the implementation of TCMs in the applicable SIP. The Conformity Task Force may request more frequent updates, as needed.

Prior to conducting a new conformity analysis for an RTP or TIP, MTC will document the status of TCMs that have not been completed, by comparing progress to the implementation steps in the SIP. Where TCM emissions reductions are included as part of the MVEB, MTC will also estimate the portion of emission reductions that have been achieved. If there are funding or scheduling issues for a TCM, MTC will describe the steps being undertaken to overcome these obstacles, including means to ensure that funding agencies are giving these TCM maximum priority. MTC may propose substitution of a new TCM for all or a portion of an existing TCM that is experiencing implementation difficulties (see below).

VIII. Substitution of TCMs in the SIP

After consultation with the Conformity Task Force, MTC may recommend and proceed with the substitution of a new TCM in the SIP to overcome implementation difficulties with an existing TCM(s). The substitution will take place in accordance with MTC's adopted TCM substitution procedures, which provide for full public involvement. In the event of possible discrepancies between MTC's TCM Substitution Procedures and those in SAFETEA (Public Law 109-59), the provisions of SAFETEA will govern.

IX. Other Conformity Task Force Processes and Procedures

Interagency consultation procedures for specific conformity issues are described below:

1. Defining regionally significant projects: Regionally significant projects are defined as a transportation project (other than an exempt project) that is on a facility which serves regional transportation needs and would normally be included in the coded network for the regional transportation demand forecast model, including at a minimum all principal arterial highways and all fixed guideway transit facilities that offer an alternative to regional highway travel. MTC's travel model roadway network may also include other types of facilities for reasons of functionality or connectivity that would not normally be considered regionally significant. MTC will periodically review with the Conformity Task Force the types of facilities and projects that are coded in the network but which MTC recommends should not be classified as regionally significant (and which therefore would not trigger a new regional emissions analysis if amended into the TIP). MTC will document the decisions of the Task Force for future reference. The Task Force will also consider projects that would not be found regionally significant according to the modeling definition above, but should be treated as regionally significant for conformity purposes.
2. Determination of significant change in project design concept and scope: Project sponsors should provide timely notice to MTC of any change in the design concept or scope of any regionally significant project in the RTP and TIP. MTC will consider a significant change in design concept and scope to be one that would alter the coding of the project in the transportation network associated with the regional travel model. When a project(s) have a change in design concept and scope from that assumed in the most recent conformed TIP and RTP, MTC will not normally consider revisions to the RTP or TIP if such a revision requires a new regional emissions analysis for the entire Plan and TIP. MTC will evaluate projects that may be considered to have a change in design concept and scope and will consult with the Conformity Task Force prior to advising the project sponsor as to how MTC intends to proceed with any request to amend the RTP and/or TIP.
3. Determining if exempt projects should be treated as non-exempt: MTC will identify all projects in the TIP that meet the definition of an exempt project, as defined in the Conformity regulations. MTC will provide a list of exempt projects to the Conformity Task Force for review prior to releasing the draft TIP for public comment. If any member of the Conformity Task Force believes an exempt project has potentially adverse emission impacts or interferes with TCM implementation, they can bring their concern to the Conformity Task Force for review and resolution. If it is determined by the Conformity Task Force that the project should be considered non exempt, MTC will notify the project sponsor of this determination and make appropriate changes to the conformity analysis, as required.
4. Treatment of non-FHWA/FTA regionally significant projects: Any recipient of federal funding is required to disclose to MTC the design concept and scope of regionally significant

projects that do not use FHWA or FTA funds. MTC will request that Caltrans and local agencies identify all such projects prior to conducting a new conformity analysis for the RTP or TIP. As part of the conformity analysis, MTC will also include a written response to any significant comment received about whether any project or projects of this type are adequately accounted for in the regional emissions analysis.

5. Projects that can advance during a conformity lapse. In the event of a conformity lapse, MTC will convene the Conformity Task Force to identify projects in the RTP and TIP that may move forward. MTC will also consult the Conformity Task Force on the process for preparing an Interim RTP and TIP.
6. Addressing activities and emissions that cross MPO boundaries: When a project that is not exempt is proposed in another MPO's Plan or TIP crosses MTC's boundaries, MTC will review the project with the Conformity Task Force to determine appropriate methods for addressing the emissions impact of the project in MTC's conformity analysis, consistent with EPA's conformity regulations.

MTC's planning area includes a portion of Solano County, which is in the Sacramento air basin. The Sacramento Area Council of Governments (SACOG) is the MPO for this planning area. MTC and SACOG, in consultation with Caltrans, the State Air Resources Board, and the Governor's Office, have developed and signed a Memorandum of Understanding for undertaking conformity analysis in eastern Solano County.

X. Conflict Resolution

Conflicts between State agencies, ABAG, MTC or BAAQMD that arise during consultation will be resolved as follows:

1. A statement of the nature of the conflict will be prepared and agreed to by the Conformity Task Force.
3. Staff of the affected agencies will meet in a good faith effort to resolve the conflict in a manner acceptable to all parties.
4. If the staff is unsuccessful, the Executive Directors or their designee of any state agency and all other parties to the conflict shall meet to resolve differences in a manner acceptable to all parties.
5. The parties to the conflict will determine when the 14-day clock (see below) starts.
6. Following these steps, the State Air Resources Board has 14 days to appeal to the Governor after Caltrans or MTC has notified the State Air Resources Board that either party plans to proceed with their conformity decision or policy that is the source of the conflict. If the State air agency appeals to the Governor, the final conformity

determination must have the concurrence of the Governor. If the State Air Resources Board does not appeal to the Governor within 14 days, the MTC or State Department of Transportation may proceed with the final conformity determination. The Governor may delegate his or her role in this process, but not to the head or staff of the State or local air agency, State department of transportation, State transportation commission or board, or an MPO.

XI. Public Consultation Procedures

MTC will follow its adopted public involvement procedures when making conformity determinations on transportation plans, and programs. These procedures establish a proactive public involvement process which provides opportunity for public review and comment by, at a minimum, providing reasonable public access to technical and policy information considered by MTC at the beginning of the public comment period and prior to taking formal action on a conformity determination for the RTP and TIP, consistent with these requirements and those of 23 CFR 450.316(b). Meetings of the Conformity Task Force and Partnership are open to the public. Any charges imposed for public inspection and copying should be consistent with the fee schedule contained in 49 CFR 7.95. These agencies shall also provide opportunity for public involvement in conformity determinations for projects where otherwise required by law.

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APPENDIX A – 54

2015 TIP Detail

Congestion Management Process Update



2010 Congestion Management Process Update

Metropolitan Transportation Commission
101 Eighth Street
Oakland, CA 94607

August 18, 2010

I) Background

SAFETEA-LU Requirements for a CMP

The requirements for development of a Congestion Management Process (CMP) were originally established by the federal Intermodal Surface Transportation Efficiency Act of 1991 (the CMP was referred to as the Congestion Management System (CMS). In 2005 the Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU) continued the requirement that the Metropolitan Planning Organization (MPO) complete a CMP. The CMP requirements challenge regions to develop performance based planning processes that are based on collaboration among transportation interests, specifically focused on congestion management.

The National Highway System (NHS) Bill of 1995 placed the implementation of CMS and the other ISTEA management systems at the discretion of the states. However, subsequent amendments to the metropolitan planning rules and management and monitoring system regulations clearly specify that the planning process in transportation management areas (TMAs), metropolitan areas with population greater than 200,000, is still required to include a CMS. This remains true under SAFETEA-LU (Sections 23 CFR 450.320 and 23 CFR 500.105 as amended December 19, 1997 and April 1, 1997 respectively) Thus, the CMS requirement still applies to the Bay Area. In addition, the NHS revisions did not affect the original provisions that Federal funds may not be programmed in a carbon monoxide and/or ozone non-attainment TMA for any highway project that will result in a significant increase in single-occupant-vehicle capacity unless the project is based on an approved CMS. (Section 23 CFR 450.320 (b) and 23 USC 134 (l)) The deadline for compliance under the revised regulations was October 1, 1997.

The Partnership Approach

Though the NHS Bill generated a brief period of uncertainty about the nature of the CMP requirement in the Bay Area, the region's approach and commitment have remained consistent since MTC first developed an approach in cooperation with the Bay Area Partnership in 1994. Our strategy is to begin by recognizing the diverse efforts already in place to address congestion management and mobility in the regional, county-wide, and local transportation planning processes in the Bay Area. Rather than create a new system, we build on this existing foundation and focused on improving MTC's and the region's tool kit to manage the Bay Area's transportation system.

County Congestion Management Programs

The Bay Area workplan for the CMP is based on a review of federal and state CMP requirements in relation to existing and developing regional, county-wide, and local transportation planning processes. The Regional Transportation Plan, using the congestion management programs and the short range transit plans as major building blocks, is the unifying process and document for transportation planning in the region. The State Implementation Plan, airport and seaport plans, corridor studies, and the major investment study process supplement the RTP to form the foundation of activities supporting the Bay Area's CMP.

County congestion management plans developed under California law comprise some of the main building blocks for the region's federally required CMP and establish specific requirements for the content and development process for county Congestion Management process, for the relationship between the metropolitan planning process, for county monitoring and other responsibilities, and for the responsibilities of MTC as the regional transportation planning agency.

State statutes also specify particular responsibilities involving county Congestion Management Programs for the regional transportation agency, in the Bay Area, MTC. These responsibilities include review of the consistency of the county Congestion Management Program with the RTP, evaluation of the consistency and compatibility of in the Bay Area, and inclusion of the county Congestion Management Program projects in the Regional Transportation Improvement Program (RTIP).

In 1996, the California legislature allowed counties to opt out of the state CMP requirement (AB 2419 (Bowler) Chapter 293, Statutes of 1996). All but two (Sonoma and Napa counties) Bay Area counties have chosen to continue to prepare state congestion management plans under California law.

The other main building blocks of the federally required CMP support the county congestion management plans and fill gaps for the two counties, Sonoma and Napa. These planning efforts include: (1) freeway congestion monitoring conducted annually by MTC and Caltrans on all congested freeways; (2) development of countywide transportation plans in all nine counties, which include performance measures, needs assessments, and identification and evaluation of potential improvements; and (3) other regional planning initiatives including the Freeway Performance Initiative corridor studies and Corridor System Management Plans, which document congestion, include performance measures, identify and evaluate potential improvements.

Under Federal law, a Transportation Management Area (TMA) that is a non-attainment area for ozone may program funds to projects that significantly increase capacity for single-occupancy vehicles only if those improvements are identified in a CMP. Historically, the Bay Area's long-range regional transportation plans (RTPs) and hence the region's transportation improvement programs (TIPs) have included very few projects that significantly increase capacity for single-occupancy vehicles. Of \$218 billion in the current plan, *Transportation 203*, 81% is for maintenance and operations, 14% for transit expansion, and 3% for roadway expansion. MTC takes care to track how projects in the RTP and TIP have emerged through the planning process. Projects listed in the RTP are required to provide project level details including purpose, scope, goals, and the planning processes in which they were identified and evaluated, including county congestion management plans and/or corridor studies. Once in the RTP, projects are further evaluated through the scenario evaluation and cost/benefit analysis for project performance against quantitative evaluation criteria based on performance objectives as well as a qualitative policy assessment criteria based on RTP goals.

Focus Tasks

The CMP also identifies focus tasks so as to direct our efforts to achievable results and address areas where our work can be strengthened. CMP focus tasks are projects and studies arising from diverse, established activities addressing congestion management and mobility in the regional framework illustrated in Appendix A. Several of the focus tasks rely on the efforts of multiple Partner agencies. This report reviews the focus tasks from previous years and identifies new focus tasks for 2010.

Restriction on Programming Federal Funds to Highway Projects

The CMP requirements specify that federal funds may not be programmed for any project that expands capacity for single occupancy vehicles in an ozone, carbon monoxide, or PM_{2.5} non-attainment area unless the project is based on an approved CMP.

The Bay Area pollutant designations are as follows:

- **Ozone:** In June 2004, EPA designated the Bay Area as nonattainment for the national 8-hour ozone standard set in 1997. In March 2008, EPA lowered the ozone standard to 0.75 parts per million. In March 2009, the California Air Resources Board recommended to EPA that the Bay Area be designated as nonattainment for this revised 2008 ozone standard. However, EPA has not taken action on this designation because EPA is in the process of reconsidering the 2008 ozone standard and intends to complete this reconsideration by August 31, 2010. EPA expects to set area designations to the revised 2010 8-hour ozone standard in March 2011.
- **Carbon Monoxide:** In April 1998, EPA designated the Bay Area as a maintenance area for the national 8-hour carbon monoxide standard.
- **PM_{2.5}:** In December 2009, EPA designated the Bay Area as nonattainment for the national 24-hour PM_{2.5} standard.

Regardless of the region's attainment status, it is MTC practice to document the planning context of all projects included in the financially constrained regional transportation plan in the Project Notebook produced with each long range plan update. Specifically, the Project Notebook documents the plans and studies from which the project evolved and the other alternatives considered. Thus the planning context of any project programmed by MTC can be reviewed by tracing that project back to the long range plan. Appendix A of this document illustrates how various plans and studies fit into the regional CMP.

Periodic Update

In order to learn from our experience and apply lessons learned, MTC prepares an update is prepared periodically, approximately every two years, to provide an overview of the CMP efforts, evaluate the previous focus tasks, and define new focus tasks for the year to come. This report represents the sixth update since the establishment of the Bay Area CMP. Section 1 summarizes accomplishments from focus tasks identified in CMP updates since 1994. Section 2 identifies focus tasks for 2010.

Section 1 1994-95 Focus Tasks

<u>Focus Task (1994-95)</u>	<u>Accomplishments</u>
1) <u>Develop MIS implementation procedures</u>	<p>"Regional criteria for screening pipeline projects for MIS requirements." (Dec. 1994)</p> <p>"Regional MIS Process and Procedures." (May 1996)</p>
2) <u>Performance Measures</u> : Explore user oriented performance indicators for evaluating projects and investment alternatives	<p>David Jones study of regional performance Indicators. (June 1995)</p> <p>Summary of Bay Area Performance Measures. (Nov. 1995)</p> <p>Ongoing</p>
3) <u>Improve coordination of data documentation, integration, and travel demand models</u>	<p>"Data Integration Project Catalog." (Mar. 1996)</p> <p>"Data Integration Project Issues." (Aug. 1996)</p> <p>"Regional Model Coordination Study." (Dec. 1995)</p> <p>Ongoing meetings of the Bay Area Travel Model User Community (BATMUC) and associated WWW site: http://tech.groups.yahoo.com/group/batmuc/ (2005 to Present)</p>
4) <u>Metropolitan Transportation System (MTS) Management Strategy</u> : Develop a Partnership approach toward corridor and operational strategies	<p>Phase 1 of Management Strategy, including 8 corridor management workshops. (May 1995)</p> <p>Specific efforts addressed in later focus tasks.</p>
5) <u>Traveler Information</u> : Improve transportation information services to users	<p>Initiated efforts to get TOS freeway sensors working reliably to provide information to TravInfo®. TOS functionality continues to be limited. See items related to 511 and TOS in future focus tasks.</p> <p>Began with TRANSTAR data bases in 1994-1995. Transitioned to web-based Take Transit Trip Planner. (2001-2002)</p> <p>Take Transit Trip Planner will include all Bay Area operators by summer 2003.</p> <p>Continued in later years</p>
6) <u>Evaluate the effectiveness of the Freeway Service Patrol</u>	<p>Final report issued (summer 1995)</p>

Section 1 1996-97 Focus Tasks

<u>Focus Task (1996-97)</u>	<u>Accomplishments</u>
1) <u>Transportation System Performance Measures:</u> Identify customer-oriented performance measures and appropriate uses for them at the regional level.	Developed performance measures. (Spring 1997). Developed a pilot project to field-test methods for collecting travel time. (Dec. 1997) Continued in later years.
2) <u>Regional Arterial Program:</u> Promote implementation of programs that improve operation of the region's arterial street network: 1) Regional Traffic Signalization and Operations Program (RTSOP) program provides funding to jurisdictions to implement capital programs, especially multi-jurisdictional & new technology projects; 2) Traffic Engineering Technical Assistance Program (TETAP) program provides technical assistance to local jurisdictions lacking expertise in operations improvements.	Launched Regional Signal Timing Program (RSTP) to provide technical assistance to local jurisdictions for retiming traffic signals, including transit signal priority (2004). Retimed over 3,400 signals in the Bay Area under RSTP (2004-2009). Funded over 235 projects under TETAP (1993-2007). Continued development and expansion of smart corridors in Silicon Valley, East Bay, and San Francisco (2006). Over 92 RTSOP projects funded (1993-1997) and over 170 TETAP projects funded. (2003) RTSOP rolled into TETAP (1998). Identified 14 arterial management strategies. (fall 1997) Developed prototype Arterial Inventory Database to track inventory of signal equipment. (spring 2000 – summer 2002) Implemented Concept of Operations Requirement for multi-jurisdictional signal projects. (fall 1999) Launched Program for Arterial System Synchronization (PASS) with a regional emphasis replacing the RSTP (2010). PASS 2010/11 cycle with 13 projects with over 350 signals selected for signal coordination including services like Incident Management flush plans, Traffic Responsive timing plans and Transit Signal Priority.
3) <u>Carquinez Bridge Reconstruction/Operations:</u> Ensure that plans to reconstruct the westbound span and the subsequent operations plans are consistent with the region's commitment to transit and HOV operations as well as the larger framework for management of the I-80 corridor.	Final Environmental Impact Statement issued. (Jan. 1998) Construction of the new bridge, which will accommodate one HOV lane and three mixed-flow lanes westbound on I-80, began in January 2000. The new bridge opened to traffic in November 2003.

Focus Task (1996-97)

Accomplishments

- 4) Electronic Toll Collection (ETC): Balance the ETC efficiency objectives with gateway functions of toll plazas and with the region's commitment to an HOV program.
- ETC operational on all lanes on Carquinez Bridge. (1998)
 - HOV bypass included to preserve travel time advantage over SOV. (Aug. 1997)
 - ETC operational in at least one lane of every toll bridge. (Dec. 2000)
 - Installation completed in all toll lanes. (Oct. 2001)
 - Increased number of ETC only lanes from 7 in 2001 to 14 in 2006 and ETC marketshare increased from 20% in 2001 to 42% in 2006.
 - 7 more ETC only lanes added in 2007 and plaza lane configuration and signing modified to improve traffic flow to the ETC lanes.
 - Opened first high-speed ETC Open Road Tolling (ORT) lanes at new Benicia-Martinez Bridge (Aug. 2007)
 - Replaced mini-toll plaza at Bay Bridge with an ORT lane to improve traffic operations for ETC vehicles (Sept. 2009)
 - Upgraded violation enforcement system to increase the quality and quantity of readable license plate images on violations (Oct. 2009)
 - 1 more ETC only lane added in 2010 at the Richmond-San Rafael Bridge in improve traffic operations in ETC lanes.
- 5) HOV Plan and Support Programs: Meet MTC requirements to define a strategy for assessing, operating, improving, and expanding the regional HOV system.
- HOV Master Plan Update adopted (Nov. 1997)
 - I-580 HOV lanes converted to mixed flow per HOV Plan recommendation. (1999)
 - 350 HOV lane miles in operation (Jan. 2003) up from 270 HOV lane miles in 1997.
 - 2003 HOV Master Plan Update complete in 2003.
 - MTC initiated the Regional High-Occupancy/Toll (HOT) Lane Network Feasibility Study in 2005. The HOT lane network is based on the existing and planned HOV system. See 2007 Focus Tasks.

Focus Task (1996-97)

Accomplishments

- 6) Regional Strategy for Transportation Demand Management Programs (Regional Rideshare Program): Coordinate TDM/ridesharing activities and focus on the most effective programs.

MTC assumed responsibility for Regional Rideshare Program. (FY 1995-96)
Entered into a 6-year contract for Regional Rideshare Program Services (FY 05/06-10/11) and increased advisory role of county congestion management agencies (CMAs) and the BAAQMD (2000)
Launched new online ridematching, trip tracker and incentives system (May, 2009)
Formed Technical Advisory Committee (CMAs, BAAQMD, and TDM practitioners), which provides ongoing strategic direction for the program. (Early 2003 - present)
Delegated employer transportation services to county agencies that are willing and able to provide these services in their respective jurisdictions. (July, 2005 - present)
Committed \$16 million in CMAQ and BAAQMD funds for a contractor to operate the program plus an additional \$2.2 million in CMAQ for three counties to provide rideshare services from FY 05-06 through FY 10-11

- 7) Emergency Response Program: Develop a formal plan for coordinated regional response among transportation agencies following a major earthquake.

Developed the Trans Response Plan (Fall 1997) that defines the roles, responsibilities and procedures for implementing a comprehensive transportation response.
Assisted Caltrans and transit operators in developing agency Emergency Operating Plans (1998).
Developed the Regional Transportation Emergency Management Plan (Spring 2008).
Led the development of the Regional Transportation Public Information Interagency Joint Information System-Center Procedures (Winter 2008).
Updated the San Francisco Bay Area Transit Operators Mutual Aid Agreement (Winter 2008).
Continued to conduct annual regionwide emergency preparedness exercises with Caltrans, transit operators, and county operational areas in response to a natural or man-made terrorist event (2010).

Section 1 1998 Focus Tasks

<u>Focus Task (1998)</u>	<u>Accomplishments</u>
1) <u>Transportation System Performance Measures:</u> explore methods for collecting travel time data	Conducted study of data collection methods. (March 1999) Continued in later focus tasks.
2) <u>Support I-80 corridor operational analysis</u> in relation to the opening of the HOV/express bus lane (MTS Management Strategy ¹)	Completed 6-month report on HOV lane performance. (July 1998) Completed I-80 HOV Lane and Transit and Ridesharing Service and Monitoring Plan. (August 1998) Ongoing work on the I-80 Integrated Corridor Management Project in conjunction with Caltrans and the Alameda County CMA (2010)
3) <u>Support Alameda County I-880 corridor operational analysis</u> (MTS Management Strategy ¹)	Analysis completed. (1999) Ramp meters along I- 880 in Alameda County turned on between 1996 and 1999. Refer to 2005 Focus Tasks
4) <u>Support San Mateo 101 corridor operational analysis</u> (MTS Management Strategy ¹)	Analysis completed. (March 1999) Additional analysis completed under the Freeway Performance Initiative Corridor Studies. Refer to 2007 Focus Tasks.
5) <u>Facilitate corridor management teams</u> (MTS Management Strategy ¹)	Partners completed 17 sketch level corridor management plans to identify potential projects for STP/CMAQ funding targeted toward system management. (Nov. 1998)
6) <u>Evaluate effectiveness of operational investments</u> (MTS Management Strategy ¹)	Before-and-after study completed for El Camino signal interconnect. (July 1998) Completed evaluation plan for Silicon Valley Smart Corridor project. (April 1998) Continued in later focus tasks.
7) <u>I-680 (Sunol Grade) Phase 2 MIS</u>	Final report completed. (May 2001) Follow-up Value Pricing Study completed (2003) The I-680 High-Occupancy/Toll (HOT) Lane is scheduled to open in 2010, consistent with AB 2032.

¹ See 1994-95 Focus Tasks.

Focus Task (1998)	Accomplishments
8) <u>Field integration work on traffic operations system (TOS) loop detector monitoring stations</u>	<p>TravInfo® installed non-intrusive surveillance units to demonstrate feasibility as alternative to loop detectors. (1999)</p> <p>Caltrans' Detector Fitness Program increased number of monitoring stations on-line to 600 in late 2000.</p> <p>Caltrans detector data integrated into statewide PeMS and 511 Drive Times in 2004.</p> <p>Deployment of detectors to increase PeMS coverage</p>

Section 1 1999 Focus Tasks

<u>Focus Task (1999)</u>	<u>Accomplishments</u>
1) <u>Transportation System Performance Measures</u>	Implementation on hold in 1999. See 2001-2002 focus tasks.
2) <u>Traveler Information</u> : design, operate and maintain TravInfo® system	See 511 Traveler information in 2001-02 focus tasks.
3) <u>Develop Regional ITS Architecture</u> : The architecture will help identify needs, ensure compatibility of ITS systems, and guide regional ITS investments	See 2001-2002 focus tasks.
4) <u>Conduct Route 24/Caldecott Tunnel Corridor Study</u> : Major investment study exploring alternatives to increase capacity for the reverse peak commute	Completed study. (2001) Caltrans began work on the EIR/EIS for fourth bore. (Nov. 2002) Caltrans to begin construction of fourth bore (2009) Hwy 24 Freeway Corridor Study (2011)
5) <u>Facilitate corridor management teams</u> (MTS Management Strategy ²)	Supported efforts of 5 freeway-arterial Smart Corridor teams to secure funds, retain consultant assistance. Refer to Freeway Performance Initiative in 2007 Focus Tasks.
6) <u>Support development of Concept of Operations Reports for arterial signal projects</u> (MTS Management Strategy ²)	Continued development of interim center-to-center communications system, including a Concept of Operations, to allow data and video exchange between smart corridors and the Caltrans traffic management center (2007). Using TETAP funds, prepared Concepts of Operations for 8 corridor management projects. (1999)

² See 1994-95 Focus Tasks.

7) Evaluate effectiveness of operational investments
(MTS Management Strategy²)

Completed before and after evaluations of signal coordination conducted under Regional Signal Timing Program (2004 - 2009) – see also 1996-1997, item 2, Regional Arterial Program.

Completed before and after evaluations of transit signal priority and bus rapid transit projects for San Pablo Avenue in East Bay (2005) and El Camino Real in Peninsula and South Bay (2006).

Completed before and after evaluations of I-880 ramp metering. (Fall 2000) and Ala-580 ramp metering (2004)

Silicon Valley SMART corridor Evaluation performed by FHWA. (2000)

El Camino Interconnect final ‘after study’ schedule. (Spring 2001)

Completed before and after evaluations of SM 101 ramp metering

Section 1 2001-2002 Focus Tasks

<u>Focus Task (2001-2002)</u>	<u>Accomplishments</u>
1) <u>Transportation System Performance Measures:</u> Develop performance monitoring program and use performance measurement in the RTP	Conducted system-level performance analysis for the 2001 RTP. (Aug. 2001) Develop first regional state of the system report with information on performance of the existing transportation system. (Dec. 2002) This report will be updated annually. See 2003 Focus Tasks.
2) <u>Develop Regional ITS Architecture and Strategic Deployment/Integration Plan</u>	Completed the Phase 1 "State of ITS in the Bay Area" (April 2003). Completed Phase 2 "Bay Area Regional ITS Architecture & Strategic Plan" (October 2004). Completed first update of Bay Area ITS Regional Architecture (December 2007).
3) <u>Address near term staffing needs for the TOS/TMC (MTS Management Strategy³)</u>	Identified need for 20 additional positions in 2000. Attempts to secure funds through budget change order and state budget earmark unsuccessful in 2001 and 2002. Caltrans attempting to sustain past staffing levels for TOS/TMC despite budget crisis.
4) <u>Freeway Management Concept of Operations (MTS Management Strategy³)</u>	MTC, CHP and Caltrans developed Concept of Operations. (October 2000 - July 2002) These agencies are implementing the Action Plan, and as of 2007, have completed 8 of the 17 near-term items in the action plan, and are currently working on 5 others.
5) <u>Regional Express Bus Program</u>	\$40 Million allocated by CTC (completed in 2007). All vehicles are in service. Performance is monitored through the Regional Measure 2 process (ongoing).
6) <u>San Francisco Bay Crossings Study</u>	Final Report complete. (July 2002) Feasibility Study of reversible lane of San Mateo-Hayward Bridge (2003). Several near-term recommendations were funded in Regional Measure 2.
See 2003 focus tasks.	

³ See 1994-95 Focus Tasks.

Focus Task (2001-2002)

Accomplishments

7) 511 Traveler Information

Launched 511 traveler information telephone system. (Fall 2002)

Launched companion 511.org website. (Fall 2002)

511 Driving Times feature in operation March 2004.

Coverage expanded in July 2004, with plans for further expansion in 2005 and 2006.

See 2005 Focus Tasks.

Section 1 2003 Focus Tasks

<u>Focus Task (2003)</u>	<u>Accomplishments</u>
1) <u>System Management and Operations Blueprint</u> (Builds on efforts featured as past focus tasks related to MTS Management Strategy ⁴)	"Regional Operations Strategy" (ROS), which provides a comprehensive summary of the region's current policies, programs and investments related to managing the transportation system, and outlines opportunities for future strategies was adopted with <u>Transportation 2030 Plan</u> .
2) <u>Transportation Corridor Concept Reports (TCCRs) and Traffic Operations Strategies (TOPs)</u> (Builds on efforts featured as past focus tasks related to Facilitate Corridor Management Teams – 1998 and 1998)	<p>Caltrans developed 4-panel maps sets for 24 corridors and "Ideal Sequencing Schematics" for 5 corridors, which were shared with MTC and CMAs. (2003)</p> <p>Caltrans and CMAs used information developed to coordinate Transportation 2030 project submittals. (Fall 2003 and Spring 2004)</p> <p>In conjunction with this effort, Caltrans has participated in ABAG's Smart Growth Working Group and Corridor Planning Program, the East 14th Street/International Boulevard corridor team, and numerous regional studies.</p> <p>In 2004, Caltrans began a demo project for I-880 corridor to advance the partnership between planning and operations in comprehensive corridor planning.</p> <p>See 2005 and 2007 Focus Tasks (Freeway Performance Initiative 2010) (CSMP).</p>
3) <u>San Mateo Bridge Reversible Lanes Feasibility Study</u>	Study found that reductions in westbound AM delay on the bridge would be offset by increased delay at the SR 92/US 101 interchange. (Fall 2003)

⁴ See 1994-95 Focus Tasks.

Focus Task (2003)

Accomplishments

4) Regional Goods Movement Study

Phase I included identification of Federal reauthorization issues for goods movement; data on commodity flows and future trends; goods movement cluster and economic impact analysis; and land use and community impact analysis. (Fall 2003)

Phase II completed in 2004 identified projects for Transportation 2030 Plan with goods movement benefits and identified legislative approaches to address goods movement issues.

A study to evaluate the impact of land use decisions on goods movement is underway. This was one of the recommendations of the Regional Goods Movement Study.

See 2007 Focus Tasks.

5) Air Quality Management Initiatives

Episodic reduced transit fares: LAVTA offered free rides on Spare the Air days in summer 2003. Free morning commutes were offered on BART and LAVTA in 2004. In 2005, the free morning commute program expanded to add about 20 Bay Area transit systems. In summer 2006, the program was modified to offer free transit, all-day, on 26 Bay Area transit systems. In 2007, the program was further modified to offer free transit all day on Bay Area buses and light-rail but on BART, Caltrain, the ACE trains and the Golden Gate, Vallejo and Alameda ferries, transit was free until 1:00 p.m. In 2008, 30 Bay Area transit operators offered one free transit day on Thursday, June 19. The free transit program is no longer implemented.

Transit station cars: Program on-hold due to uncertain status of state funding (2010)

Focus Task (2003)

Accomplishments

6) System Performance Monitoring - State of the System Report

MTC and Caltrans released the first State of the System report in 2002.
Since then, reports have been released annually through 2009.
Starting in 2008, the report is becoming more web-oriented. MTC Staff have begun uploading current data as it becomes available. This up-to-date web resource is expected to replace the published report.
Count program completed in 2003 and 2004 (traffic counts and bicycle and pedestrian counts). This program was discontinued in 2005 due to the cost of compiling comprehensive data.

7) RTP Performance Measures

Commission adopted performance measures for Transportation 2030 project evaluation (June 2003). Staff evaluated more than 400 projects prior to adoption of the Transportation 2030 Plan.

MTC staff conducted a scenario performance assessment and project-level assessment during development of the Transportation 2035 Plan. The Plan includes specific, quantitative performance objectives for each Goal. Key findings are that pricing, land use, technology and cultural shifts will be required to meet the aggressive performance objectives. A benefit-cost assessment was performed for approximately 60 of the largest projects. All projects were evaluated qualitatively. The results were used to help define investment priorities. Staff will conduct a similar evaluation for the Regional Transportation Plan/Sustainable Communities Strategy to be adopted in 2013.

8) I-80/I-680/I-780 Major Investment and Corridor Study

Developed a long-range, multi-modal transportation plan for the I-80/I-680 and I-780 corridors in Solano County. The plan identifies highway, transit and park and ride improvements recommended for mid- and long- term implementation.
Study completed in July 2004.

Section 1 2005 Focus Tasks

<u>Focus Task (2005)</u>	<u>Accomplishments</u>
1. I-880 Corridor System Management Study	Document Review/Data Collection I-880 Simulation Model Draft Base Performance Assessment Draft Investment Scenarios/ Strategies Draft Corridor Management Plan Finalize Corridor Management Plan Demonstration in June 2010
2. Interim Center-to-Center Program	The MOU was fully executed in January 2005. Contractor given Notice to Proceed with Initial Build of C2C software in February 2005, and implemented initial build for November 2005 ITS World Congress. Contractor about to begin the system acceptance phase, scheduled to be completed late 2010.
3. I-580 FAIR Lanes Study	Study completed. Findings indicate a High-Occupancy/Toll (HOT) lane may be feasible and beneficial in the I-580 corridor. A modest program offering credits to low-income travelers would not adversely affect the HOT lane. A program offering credit to all travelers would jeopardize HOT lane operations. (August 2005).
4. Santa Clara County High Occupancy Toll (HOT) Lanes Feasibility Study	The initial feasibility assessment was completed in November 2004. In 2005, a more detailed operational assessment and financial assessment recommended development of HOT lanes on US 101 and SR 85. Santa Clara Valley Transportation Authority (VTA) continues with project development and environmental studies on these two corridors, consistent with AB 2032 (Winter 2006). VTA has an expected open date of 2013 for the SR-85 HOT lane if capital funding can be identified.

Focus Task (2005)

Accomplishments

5. Transit Oriented Development Study

The Study assesses the opportunities, benefits and barriers for increased levels of TOD in the San Francisco Bay Area, and helped define MTC's policies in support of Bay Area TODs, specifically, policies for conditioning regional discretionary funds for Resolution 3434 transit expansion projects on the demonstration of supportive land use policies by local governments. The final report and briefing book are available on line at http://www.mtc.ca.gov/planning/smart_growth/tod/TOD_Book.pdf

The original report was updated in 2007 with no changes made to the policy. The policy is next expected to be updated in 2011.

In 2009/10 staff completed a study of housing choice and the implications for TOD, *Choosing Where We Live*

http://www.mtc.ca.gov/planning/smart_growth/tod/5-10/Briefing_Book-Choosing_Where_We_Live.pdf

6. Bay Area Regional Rail Plan

MTC, BART, Caltrain, and California High-Speed Rail Authority are the study partners. The study identified alternative networks for improving and expanding the regional rail system and for including a high-speed train entry from the Bay Area to the Central Valley. In addition, the study will look at benefits and risks for changing institutional governance structures. The final study was adopted by MTC in September 2007.

Analysis and preliminary implementation plan for leveraging system assets

7. 511 Traveler Information System Enhancements

Install 53 additional readers at sites throughout the region to collect traffic data and improve the quality of data provided to 511 users.

Enhance 511 phone and web dissemination systems in response to user feedback (ongoing).

Implement and evaluate design changes to the 511 telephone system to support delivery of real-time transit information for five MUNI light rail routes (2008).

8. 580/680/84 Triangle Analysis Study

Analysis narrowed down to two alternatives with phasing and implementation plan (2007).

Planning level traffic analysis

Benefit cost analysis to prioritize recommended improvements

Phasing and implementation strategy for the I-580, I-680 and Rte 84

Focus Task (2005)

Accomplishments

9. Peninsula Gateway 2020 Study

Public outreach strategy
Operational Analysis
Conceptual Definition of Alternatives
Refer to 2007 Focus Tasks.

Section 1 2007 Focus Tasks

<u>Focus Task (2007)</u>	<u>Accomplishments</u>
1. Peninsula Gateway 2020 Study	<p>Public outreach strategy</p> <p>Operational Analysis</p> <p>Conceptual Definition of Alternatives</p> <p>Further analysis of selected project alternatives conducted through the Willow/University Traffic Study (2010)</p>
2. Regional High-Occupancy/Toll (HOT) Lanes Network Feasibility Study	<p>MTC, in cooperation with partner agencies, has completed a series of feasibility and implementation studies including: capital cost estimate, O&M cost estimate, draft phasing concept, Concept of Operations.</p> <p>The Commission approved inclusion of the Regional Express Lanes Network in the Transportation 2035 Plan and MTC and BATA sponsored authorization legislation in 2009. This legislation has not been enacted.</p> <p>MTC, Caltrans, CHP and the county CMAs meet regularly to discuss issues related to planning and operation of the first HOT lanes (authorized under AB 2032). This forum may serve as a model for future coordination for the larger network (2010).</p>
3. Regional Goods Movement	<p>MTC, in cooperation with partner agencies including the Ports of Oakland, Sacramento and Stockton, and MPOs and CMAs from the Bay Area and Central Valley developed a Northern California Trade Corridors Improvement Fund program of projects to the CTC for funding. The Northern California coalition was able to secure \$825 million towards key goods movement projects in Northern California. The projects are now being developed and implemented by project sponsors (2004).</p> <p>Completed study that analyzed the impacts projected land use changes might have on the goods movement system, focused primarily on truck traffic along major corridors (completed 2007 with 2009 update).</p>
4. Open Road Tolling	<p>Removed 8 of 17 cash toll booths at the Benicia-Martinez toll bridge and replaced with 3 free flow toll lanes, plus shoulders, and installed Open Road Toll system equipment in these lanes (2007).</p>

Focus Task (2007)

Accomplishments

5. I-80 Interregional Smart Growth Study

Final report prepared demonstrating various development scenarios for Interstate 80 communities in cooperation with the Sacramento Area Council of Governments (SACOG) (2007)
http://www.mtc.ca.gov/planning/smart_growth/I-80_corridor.htm

6. VII Test Bed

Operated the California VII Test Bed with partner Caltrans and the following stakeholders: Automotive Research Laboratories, UC Berkeley PATH Program and the Collision Avoidance Metrics Partnership (CAMP). (2007 – 2008)

Deployed 12 roadside VII units on US-101 and SR 82 in San Mateo and Santa Clara counties and developed VII applications that showcased the value of VII including: Traveler Information, In-vehicle signage, Curve Overspeed Warning and Intersection Signal Violation Warning (Cooperative Intersection Collision Avoidance Systems). (2007 - 2008)

Completed National VII Proof of Concept testing for urban canyon, hilly terrain, and tolling. (2008)

Integrated California VII Test Bed with the National VII network. (2008)

7. Freeway Performance Initiative Corridor Studies

Completed first set of corridor-level studies to serve as the building blocks of a freeway strategic plan for the Bay Area.

Identified existing and future congestion problems with their causes for each corridor, and developed and prioritized appropriate congestion mitigation strategies to address those problems.

8. Real Time Transit Information

Established a regional real-time transit data clearinghouse to collect real-time information in a standard regional format from participating transit agencies (2008)

Disseminate real-time transit information for three Bay Area transit agencies to the public via the region's 511 phone system, 511.org, a personalized 511 service at my511.org, SMS texting, on regional signs at the Embarcadero BART/MUNI station, and via a public data feed. We will continue to expand the system as new agencies share their data with MTC (2008 Muni, 2009 BART and 2010 WestCAT)

Focus Task (2007)

Accomplishments

9. SFCTA Mobility, Access and Pricing Study

Identified technically feasible congestion pricing scenarios for San Francisco.

Made a recommendation to pursue a pilot program within the next three years which would provide a proof-of-concept of system technologies and institutional capacities and opportunity to measure and monitor benefits and impacts in a real-world setting.

Will launch a final round of outreach summer 2010 to share findings and gather feedback on the idea of a demonstration program.

Should there be public and Board support, the next step would include system engineering and design for a pilot demonstration; legislative action to establish pricing authority and institutional arrangements; and environmental clearance (2010).

Section 2 2010 Focus Tasks

Focus Task	Committee/Agency	Project Goals	Near Term Products (in 2010)
1. Regional Transportation Plan/Sustainable Communities Strategy (2013 Adoption)	MTC, ABAG, and Joint Policy Committee	<ul style="list-style-type: none"> Prepare the Regional Transportation Plan, which includes the Sustainable Communities Strategies (as mandated by Senate Bill 375) to tie transportation and land use planning as a way to reduce Greenhouse gases Identify key transportation, housing and land use policy considerations as part of the RTP/SCS Identify transportation investments that will address regional transportation network needs and supports development patterns in the SCS 	<ul style="list-style-type: none"> Identification of performance targets, including: <ul style="list-style-type: none"> Greenhouse Emission Reduction Target (as defined by the California Air Resources Board) Housing Target Economic/Environment/Equity Performance Targets Identification of Draft Scenarios for Evaluation
2. Freeway Performance Initiative Studies	Caltrans, CMAAs and MTC	<ul style="list-style-type: none"> Complete corridor-level studies to serve as the building blocks of a freeway strategic plan for the Bay Area. Identify existing and future congestion problems with their causes for each corridor, and develop and prioritize appropriate congestion mitigation strategies to address those problems. 	<ul style="list-style-type: none"> Complete second set of corridor-level studies Commence additional analysis of interchanges (SM 92/101 I/C & SCL 101/880 I/C) and HOV & Express Conversion (SM 101)

Focus Task	Committee/Agency	Project Goals	Near Term Products (in 2010)
3. Corridor System Management Plan and Corridor Plans	Caltrans, CMAs and MTC	<ul style="list-style-type: none"> The CSMP is a requirement by CTC for all corridors that receive CMIA funding to implement capital improvement projects, with the intent to ensure there is a plan in place to preserve the mobility gains of the CMIA-funded projects Development of CP's and/or CSMP's for all 56 State Routes in the Bay Area Develop a regional network of express lanes by converting existing HOV lanes to express lanes and closing gaps and extending the system. The Express Lane Network is included in the Transportation 2035 Plan as core strategy to improve mobility and reduce delay and motor vehicle emissions. 	<ul style="list-style-type: none"> Nine CSMPs for the Bay Area being developed and submitted to the CTC in 2010 Completion of CP's for States Routes 29, 37, 84, 152, 238, 505, and 780 Develop consensus on a strategy to seek authority to implement the Regional Express Lane Network under current law Execute a cooperative agreement between MTC and Caltrans for development of a project initiation document for the Regional Network Initiate work on a program delivery strategy that will explore innovative delivery and finance approaches
4. Regional Express Lanes Network	Caltrans, CHP, CMAs and MTC	<ul style="list-style-type: none"> Design/build/operate a testbed on the I-680 HOT lane corridor in order to demonstrate the technical feasibility of using IntelliDriveSM technologies for the primary use case of toll collection, and if feasible, for the use case of traveler information. 	<ul style="list-style-type: none"> Selection of contractor Project Management Plan Demonstration Test Plan
5. Urban Partnership Program (UPP) IntelliDrive Technologies for HOT Lane Operations	MTC Operations Committee		
6. Automated Freeway Congestion Data	MTC, Caltrans	<ul style="list-style-type: none"> Transition from vehicle probe runs to an automated data collection system utilizing the PeMS system. 	<ul style="list-style-type: none"> Report congestion for the Bay Area using automated data Reduce the amount of vehicle probe runs

Focus Task	Committee/Agency	Project Goals	Near Term Products (in 2010)
7. Tolling and Pricing Evaluation	BATA Oversight Committee	<ul style="list-style-type: none"> Assess the success of a congestion pricing strategy on the Bay Bridge by charging a higher toll during the weekday peak commute periods and a lower toll during non-peak periods. Assess the impacts of a new carpool toll on carpool usage, occupancy, and violations on all Bay Area state-owned bridges Assess impacts of changes in travel on energy use and CO2 emissions, accounting for changes in vehicle miles traveled (VMT), mode share, vehicle occupancy, vehicle type and fuel used. 	<ul style="list-style-type: none"> Data collection of "before implementation" conditions, including toll plaza volumes, travel time, vehicle occupancy, casual carpool volumes, transbay transit ridership, etc. Working paper on traffic impacts and toll plaza operations.
8. Transit Sustainability Project	Commission Select Committee on Transit Sustainability; Project Steering Committee	<ul style="list-style-type: none"> To establish a framework and implementation plan for a more robust, financially viable transit system that is both cost-effective and customer-focused. The TSP will include a comprehensive, fact-based analysis of the existing system focused on service design and delivery, financial viability, and decision-making structures. The analysis will also acknowledge the role external factors play in the long-term viability of the transit system, such as land use and transportation pricing, which are critically important as the region grapples with preparing the Sustainable Communities Strategy required by SB 375 (Calif. Statutes 2008, Chapter 728). 	<ul style="list-style-type: none"> Initial findings from financial analysis. Regional service analysis will be underway in 2010, with some preliminary findings in 2010.

Appendix A: Framework for Bay Area CMP Activities

Partner Plans & Programs	Unifying Approach	Regional Transportation Plan (RTP) and the EIR	Transportation System Monitoring Program	Short Range Transit Plan (S RTP)	SIP/ Bay Area Clean Air Plan	Congestion Management Programs (CMPs) and Countywide Transportation Plans - CMAA-	Corridor Studies/ Major Investment Studies	Regional Airport System Plan	San Francisco Bay Area Seaport Plan
CMP Components									
System Definition	Regional transportation system (includes intermodal transfer points and non-motorized network)	Regional transportation system	Regional transportation system	Transit Systems	Air basin of regulation	CMP systems (State Highways and major arterials)	Freeway, highway, and transit facilities and services in the corridor	All public use general aviation, air carrier and military aviation in the region	Public use and military seaports
Performance Measures	Continue to explore and evaluate alternative performance measures through the Partnership	System level analysis (RTP EIR): average travel times, access to jobs, vehicle trips, VMT, vehicle emissions Project level analysis (Transportation 2030): measures to be determined	Indicators of mobility and accessibility, safety and state of repair. Emphasis is on presenting information in one place in an easy-to-understand format	Ridership, service miles, service hours, cost per hour, on time performance, dependability, load factors, safety, accessibility, customer service/ information	Bay Area Air Quality Plan Standards: based on Federal and State Clear Air Acts including VMT, AVR, & emissions budgets	LOS as trigger to deficiencies for CMPs, multimodal measures must be used, proposing & evaluating projects. Performance measures in Countywide Plans	Developed based on regional and local transportation policies and needs	Peak hour, demand supply ratio, ground access	Tonnage and numbers of containers, berth requirements, measures of ground access (e.g. levels/ extent of congestion on major access routes)
Data Collection & System Monitoring	Use of all sources as available and as documented by the Data Integration Project	Caltrans and CMAA observed traffic counts and speeds, transit ridership, ridesharing, census data, RIDES Commuter Profile, and MTC Bay Area Travel Survey	Use existing data collected by Caltrans, CHP, CMAAs, transit operators, and MTC. Supplemental data collection to fill gaps.	National Transit Database (NTDB), State Controller's Report, MTC Reporting System, & performance audits	Air quality monitoring, VMT, vehicle trips, speeds, occupancy rates, TCM status	CMP monitoring process, Caltrans Congestion Monitoring, CMA models, performance monitoring (optional)	Use of all available sources, including Caltrans, MCA, transit operators, and MTC data and modeling as available and applicable	MTC Air Passenger Survey, Caltrans Acoustic Counter, 5010 Inspections, Airport Manager's Report	Pacific Maritime Assoc. Annual Report, Port of Oakland statistics, Maritime Administration
Identification of Proposed Strategies	Major Investment Studies, CMPs, SRTPs, GPs, Management Strategy	RTP goals and policies, local general planning processes, CMP CIPs, SRTPs	Occurs through other planning activities	RTP goals and policies, capital replacement plan, transit operator goals/ interpretation coordination program	Clean Air Plan	CIPs of each CMP and the Countywide Plans	Cooperative analysis of transportation conditions, problems and opportunities, roles and responsibilities for capital and operating improvements	Airport System Plan, Capital Improvement Program	Seaport Plan, Port Priority Use Areas and Marine Terminals Designation
Evaluation of Proposed Strategies	RTP financial element, EIRs for RTP, CMPs, Public Review Processes	RTP EIR, Partnership and public review processes: Transportation 2030 project-evaluation Individual project	Occurs through other planning activities	RTP EIR, Partnership and Public Review Processes Planning assessments of	RTP EIR, RTP conformity analysis, Clean Air Plan EIR	Countywide Plan modeling and evaluation, CIP & environ review processes, then through the RTP, and its EIR	Cooperative evaluation of proposed strategies Individual project dypt. & review	Airport Systems Plan Alternatives Evaluation	Military Base Evaluation process.

Partner Plans & Programs	Unifying Approach	Regional Transportation Plan (RTP) and the EIR	Transportation System Monitoring Program	Short Range Transit Plan (SRTP)	SIP/ Bay Area Clean Air Plan	Congestion Management Programs (CMPs) and Countywide Transportation Plans	Corridor Studies/ Major Investment Studies	Regional Airport System Plan	San Francisco Bay Area Seaport Plan
CMP Components		- MTC - dvpt. & review	- Partnership -	- Transit Operators -	- MTC/ BAAQMD -	- CMAA- process Multimodal fund priority setting process, project dvpt. & review	- Affected Partners - MIS guidelines	- Bay Area Airports, MTC & ABAG -	- Bay Area Seaports MTC & BCDC -
Implementation of Proposed Strategies * Programming * Project delivery	RTIP/TIP Tip Monitoring Program	RTIP/TIP Tip Monitoring Program	Occurs through other planning activities	Transit operator capital & operating program, RTIP/TIP Monitoring, Productivity Improvement Program	RTIP/TIP Transportation Control Measures	RTIP/RTIP/TIP County sales tax programs	RTP/RTIP/TIP TIP Monitoring Program	Funding is through the FAA, ABAG monitors implementation through the Regional Clearinghouse	Seaport Plan, BCDC acts on permit applications, MTC monitors through CEQA documents
Evaluation of the Effectiveness of Implemented Strategies	Analysis of expected impacts in RTP/CMP/SRTP forecasting. Process to evaluate observed impacts to be developed	RTP EIR - travel time and volume measures, transit use, hwy. delay, ridesharing	Effectiveness of some improvements will be evident in future State of the System Reports	RTP EIR, Productivity Improvement Program, Transit Planning Assessment, NTDB, performance audits	RTIP/TIP conformity process for regional & corridor analysis, RTP EIR, & specific EIR & res. 2270 process for individual, major projects	Countywide and CMP modeling assesses impact of strategies on performance measures	RTP EIR - travel time and volume measures, transit use, hwy. delay,	RASP environmental study - includes aviation and ground access measures	SFBA Seaport Plan Environmental Assessment
Sustainable Communities Strategy	Analysis of how the pattern of development and transportation can reduce Greenhouse Gases	Regional Transportation Plan	Occurs through other planning activities	RTP goals and policies, TLC program					

APPENDIX A – 55

2015 TIP Detail

System Maintenance



Appendix A-55: Plan Bay Area 28-Year Local Street and Road System Preservation Needs and Revenues

(Inflated 1,000s)

Note: Updated in November, 2012 to account for committed revenue forecasted to be derived from Measure T, the Napa countywide sales tax measure.

Jurisdiction	Pavement Needs	Non-Pavement Needs	Total System Preservation Needs	Committed Revenue	Plan Bay Area Investment Strategy*	Remaining System Preservation Needs to Meet Performance Target
County of Alameda	\$ 401,550	\$ 131,951	\$ 533,501	\$ 342,853	\$ 77,807	\$ 112,841
Alameda	\$ 143,609	\$ 208,120	\$ 351,729	\$ 79,780	\$ 77,568	\$ 194,381
Albany	\$ 33,223	\$ 46,976	\$ 80,199	\$ 37,899	\$ 1,881	\$ 40,419
Berkeley	\$ 240,376	\$ 298,396	\$ 538,772	\$ 252,875	\$ 10,908	\$ 274,989
Dublin	\$ 80,298	\$ 134,740	\$ 215,039	\$ 52,058	\$ 72,531	\$ 90,450
Emeryville	\$ 18,409	\$ 28,225	\$ 46,635	\$ 46,635	\$ -	\$ -
Fremont	\$ 609,282	\$ 602,007	\$ 1,211,289	\$ 293,217	\$ 217,075	\$ 700,998
Hayward	\$ 273,343	\$ 422,549	\$ 695,892	\$ 311,932	\$ 89,195	\$ 294,765
Livermore	\$ 262,988	\$ 235,451	\$ 498,439	\$ 112,194	\$ 192,100	\$ 194,144
Newark	\$ 104,585	\$ 122,484	\$ 227,068	\$ 34,256	\$ 79,793	\$ 113,019
Oakland	\$ 939,983	\$ 1,188,587	\$ 2,128,570	\$ 254,974	\$ 353,994	\$ 1,519,601
Piedmont	\$ 27,547	\$ 31,082	\$ 58,629	\$ 42,207	\$ 4,059	\$ 12,363
Pleasanton	\$ 206,360	\$ 195,154	\$ 401,514	\$ 84,414	\$ 147,073	\$ 170,027
San Leandro	\$ 238,826	\$ 229,575	\$ 468,401	\$ 160,529	\$ 32,192	\$ 275,680
Union City	\$ 134,865	\$ 207,140	\$ 342,005	\$ 41,764	\$ 120,838	\$ 179,404
COUNTY TOTAL	\$ 3,715,245	\$ 4,082,437	\$ 7,797,682	\$ 2,147,587	\$ 1,477,014	\$ 4,173,081

Jurisdiction	Pavement Needs	Non-Pavement Needs	Total System Preservation Needs	Committed Revenue	Plan Bay Area Investment Strategy*	Remaining System Preservation Needs to Meet Performance Target
County of Contra Costa	\$ 501,667	\$ 184,797	\$ 686,463	\$ 262,042	\$ 261,428	\$ 162,993
Antioch	\$ 293,307	\$ 282,419	\$ 575,726	\$ 342,876	\$ 61,183	\$ 171,666
Brentwood	\$ 141,563	\$ 144,872	\$ 286,435	\$ 132,170	\$ 111,080	\$ 43,185
Clayton	\$ 41,138	\$ 30,254	\$ 71,392	\$ 20,701	\$ 24,409	\$ 26,282
Concord	\$ 356,026	\$ 347,370	\$ 703,395	\$ 523,356	\$ 15,437	\$ 164,603
Danville	\$ 128,291	\$ 120,259	\$ 248,550	\$ 109,900	\$ 54,716	\$ 83,934
El Cerrito	\$ 39,815	\$ 65,315	\$ 105,130	\$ 28,654	\$ 32,216	\$ 44,260
Hercules	\$ 47,102	\$ 68,150	\$ 115,252	\$ 27,244	\$ 69,203	\$ 18,805
Lafayette	\$ 71,711	\$ 67,181	\$ 138,892	\$ 39,989	\$ 43,261	\$ 55,642
Martinez	\$ 116,532	\$ 101,186	\$ 217,718	\$ 100,673	\$ 18,403	\$ 98,642
Moraga	\$ 78,156	\$ 45,074	\$ 123,230	\$ 23,606	\$ 23,233	\$ 76,391
Oakley	\$ 93,553	\$ 98,379	\$ 191,932	\$ 56,746	\$ 54,606	\$ 80,580
Orinda	\$ 85,272	\$ 49,308	\$ 134,580	\$ 70,953	\$ 0	\$ 63,627
Pinole	\$ 54,594	\$ 53,969	\$ 108,564	\$ 22,235	\$ 35,109	\$ 51,220
Pittsburg	\$ 185,106	\$ 179,301	\$ 364,408	\$ 199,257	\$ 18,610	\$ 146,542
Pleasant Hill	\$ 98,536	\$ 93,405	\$ 191,941	\$ 77,913	\$ 27,529	\$ 86,500
Richmond	\$ 306,526	\$ 291,526	\$ 598,052	\$ 375,227	\$ 24,720	\$ 198,105
San Pablo	\$ 34,311	\$ 88,678	\$ 122,989	\$ 52,568	\$ 23,905	\$ 46,517
San Ramon	\$ 159,508	\$ 179,006	\$ 338,514	\$ 338,514	\$ -	\$ -
Walnut Creek	\$ 278,631	\$ 183,764	\$ 462,395	\$ 110,172	\$ 179,888	\$ 172,336
COUNTY TOTAL	\$ 3,111,346	\$ 2,674,212	\$ 5,785,558	\$ 2,914,794	\$ 1,078,936	\$ 1,791,829

Appendix A-55: Plan Bay Area 28-Year Local Street and Road System Preservation Needs and Revenues
(Inflated 1,000s)

Note: Updated in November, 2012 to account for committed revenue forecasted to be derived from Measure T, the Napa countywide sales tax measure.

Jurisdiction	Pavement Needs	Non- Pavement Needs	Total System Preservation Needs	Committed Revenue	Plan Bay Area Investment Strategy*	Remaining System Preservation Needs to Meet Performance Target
County of Marin	\$ 291,920	\$ 117,194	\$ 409,113	\$ 318,430	\$ -	\$ 90,683
Belvedere	\$ 5,462	\$ 6,003	\$ 11,465	\$ 5,950	\$ 9,947	\$ -
Corte Madera	\$ 27,772	\$ 27,091	\$ 54,863	\$ 11,522	\$ 18,943	\$ 24,398
Fairfax	\$ 22,778	\$ 20,677	\$ 43,455	\$ 9,599	\$ 18,247	\$ 15,609
Larkspur	\$ 52,846	\$ 34,217	\$ 87,063	\$ 14,906	\$ 8,722	\$ 63,435
Mill Valley	\$ 61,485	\$ 39,036	\$ 100,521	\$ 61,779	\$ 14,815	\$ 23,928
Novato	\$ 164,662	\$ 147,259	\$ 311,921	\$ 112,265	\$ 87,565	\$ 112,091
Ross	\$ 10,711	\$ 6,684	\$ 17,396	\$ 8,337	\$ 4,572	\$ 4,486
San Anselmo	\$ 36,828	\$ 35,172	\$ 72,000	\$ 21,808	\$ 3,897	\$ 46,296
San Rafael	\$ 147,960	\$ 162,342	\$ 310,301	\$ 54,490	\$ 155,678	\$ 100,133
Sausalito	\$ 15,300	\$ 20,964	\$ 36,264	\$ 8,791	\$ 3,382	\$ 24,091
Tiburon	\$ 27,107	\$ 24,839	\$ 51,946	\$ 26,795	\$ 7,213	\$ 17,937
COUNTY TOTAL	\$ 864,832	\$ 641,477	\$ 1,506,309	\$ 654,672	\$ 332,981	\$ 523,087

Jurisdiction	Pavement Needs	Non- Pavement Needs	Total System Preservation Needs	Committed Revenue	Plan Bay Area Investment Strategy*	Remaining System Preservation Needs to Meet Performance Target
County of Napa	\$ 566,818	\$ 124,507	\$ 691,325	\$ 310,070	\$ 194,709	\$ 186,545
American Canyon	\$ 63,203	\$ 46,465	\$ 109,668	\$ 68,257	\$ 37,054	\$ 4,357
Callistoga	\$ 20,608	\$ 14,821	\$ 35,428	\$ 17,029	\$ 21,015	\$ -
Napa	\$ 381,033	\$ 217,454	\$ 598,487	\$ 247,585	\$ 173,725	\$ 177,178
St Helena	\$ 46,006	\$ 16,587	\$ 62,593	\$ 31,121	\$ 31,129	\$ 343
Yountville	\$ 9,448	\$ 8,989	\$ 18,437	\$ 30,933	\$ -	\$ -
COUNTY TOTAL	\$ 1,087,116	\$ 428,822	\$ 1,515,938	\$ 704,995	\$ 457,632	\$ 368,422

Jurisdiction	Pavement Needs	Non- Pavement Needs	Total System Preservation Needs	Committed Revenue	Plan Bay Area Investment Strategy*	Remaining System Preservation Needs to Meet Performance Target
San Francisco	\$ 2,415,717	\$ 2,362,721	\$ 4,778,438	\$ 2,298,843	\$ 487,602	\$ 1,991,992

Appendix A-55: Plan Bay Area 28-Year Local Street and Road System Preservation Needs and Revenues

(Inflated 1,000s)

Note: Updated in November, 2012 to account for committed revenue forecasted to be derived from Measure T, the Napa countywide sales tax measure.

Jurisdiction	Pavement Needs	Non- Pavement Needs	Total System Preservation Needs	Committed Revenue	Plan Bay Area Investment Strategy*	Remaining System Preservation Needs to Meet Performance Target
County of San Mateo	\$ 204,119	\$ 87,793	\$ 291,912	\$ 256,014	\$ 25,102	\$ 10,797
Atherton	\$ 32,226	\$ 20,848	\$ 53,074	\$ 53,074	\$ -	\$ -
Belmont	\$ 79,612	\$ 73,156	\$ 152,768	\$ 19,835	\$ 44,857	\$ 88,076
Brisbane	\$ 27,521	\$ 11,020	\$ 38,541	\$ 16,976	\$ 14,282	\$ 7,283
Burlingame	\$ 70,718	\$ 80,980	\$ 151,698	\$ 47,004	\$ 133,488	\$ -
Colma	\$ 17,614	\$ 4,518	\$ 22,132	\$ 19,676	\$ 7,730	\$ -
Daly City	\$ 124,793	\$ 299,124	\$ 423,917	\$ 71,269	\$ 102,874	\$ 249,774
East Palo Alto	\$ 74,539	\$ 92,522	\$ 167,062	\$ 55,897	\$ 15,030	\$ 96,134
Foster City	\$ 51,998	\$ 84,781	\$ 136,779	\$ 47,874	\$ 36,347	\$ 52,558
Half Moon Bay	\$ 36,074	\$ 36,902	\$ 72,976	\$ 15,910	\$ 7,986	\$ 49,081
Hillsborough	\$ 54,712	\$ 31,841	\$ 86,553	\$ 29,244	\$ 31,486	\$ 25,823
Menlo Park	\$ 90,329	\$ 88,827	\$ 179,156	\$ 179,156	\$ -	\$ -
Millbrae	\$ 69,361	\$ 60,629	\$ 129,990	\$ 15,726	\$ 36,346	\$ 77,918
Pacifica	\$ 122,892	\$ 111,585	\$ 234,476	\$ 21,690	\$ 11,653	\$ 144,682
Portola Valley	\$ 25,424	\$ 13,040	\$ 38,464	\$ 22,265	\$ 139,146	\$ 5,121
Redwood City	\$ 208,144	\$ 216,838	\$ 424,982	\$ 109,769	\$ 37,529	\$ 176,067
San Bruno	\$ 119,419	\$ 122,246	\$ 241,665	\$ 57,482	\$ 37,554	\$ 146,629
San Carlos	\$ 110,416	\$ 80,464	\$ 190,881	\$ 42,016	\$ 48,291	\$ 100,573
San Mateo	\$ 182,496	\$ 269,185	\$ 451,681	\$ 191,319	\$ 60,132	\$ 200,230
South San Francisco	\$ 173,483	\$ 181,799	\$ 355,281	\$ 108,672	\$ 70,169	\$ 176,440
Woodside	\$ 53,392	\$ 15,836	\$ 69,228	\$ 29,336	\$ 59,296	\$ -
COUNTY TOTAL	\$ 1,929,281	\$ 1,983,937	\$ 3,913,217	\$ 1,440,204	\$ 919,297	\$ 1,607,188

Jurisdiction	Pavement Needs	Non- Pavement Needs	Total System Preservation Needs	Committed Revenue	Plan Bay Area Investment Strategy*	Remaining System Preservation Needs to Meet Performance Target
County of Santa Clara	\$ 589,845	\$ 180,208	\$ 770,053	\$ 351,431	\$ 185,789	\$ 232,834
Campbell	\$ 108,343	\$ 112,769	\$ 221,112	\$ 64,944	\$ 68,210	\$ 87,959
Cupertino	\$ 177,170	\$ 155,743	\$ 332,913	\$ 115,960	\$ 82,665	\$ 134,288
Gilroy	\$ 156,362	\$ 143,588	\$ 299,951	\$ 45,537	\$ 105,557	\$ 148,857
Los Altos	\$ 81,463	\$ 79,658	\$ 161,121	\$ 115,505	\$ 25,198	\$ 20,418
Los Altos Hills	\$ 45,649	\$ 24,955	\$ 70,604	\$ 58,577	\$ 7,275	\$ 4,751
Los Gatos	\$ 117,212	\$ 85,010	\$ 202,222	\$ 87,619	\$ 32,350	\$ 82,253
Milpitas	\$ 202,092	\$ 197,475	\$ 399,567	\$ 79,213	\$ 91,475	\$ 228,878
Monte Sereno	\$ 11,807	\$ 10,118	\$ 21,925	\$ 3,786	\$ 32,137	\$ -
Morgan Hill	\$ 136,426	\$ 111,074	\$ 247,500	\$ 27,441	\$ 118,286	\$ 101,773
Mountain View	\$ 179,511	\$ 209,163	\$ 388,674	\$ 89,991	\$ 126,760	\$ 171,923
Palo Alto	\$ 239,837	\$ 180,518	\$ 420,355	\$ 188,274	\$ 74,197	\$ 157,884
San Jose	\$ 2,989,820	\$ 2,823,588	\$ 5,813,408	\$ 1,484,396	\$ 1,447,318	\$ 2,881,693
Santa Clara	\$ 288,251	\$ 327,957	\$ 616,207	\$ 253,638	\$ 204,096	\$ 158,473
Saratoga	\$ 121,571	\$ 88,308	\$ 209,879	\$ 57,441	\$ 86,563	\$ 65,874
Sunnyvale	\$ 330,769	\$ 387,625	\$ 718,394	\$ 150,824	\$ 150,824	\$ 217,725
COUNTY TOTAL	\$ 5,776,128	\$ 5,117,758	\$ 10,893,886	\$ 3,373,599	\$ 2,838,700	\$ 4,695,585

Appendix A-55: Plan Bay Area 28-Year Local Street and Road System Preservation Needs and Revenues
(Inflated 1,000s)

Note: Updated in November, 2012 to account for committed revenue forecasted to be derived from Measure T, the Napa countywide sales tax measure.

Jurisdiction	Pavement Needs	Non- Pavement Needs	Total System Preservation Needs	Committed Revenue	Plan Bay Area Investment Strategy*	Remaining System Preservation Needs to Meet Performance Target
County of Solano	\$ 341,161	\$ 163,624	\$ 504,785	\$ 139,082	\$ 164,145	\$ 201,558
Benicia	\$ 139,473	\$ 77,514	\$ 216,987	\$ 16,498	\$ 77,653	\$ 122,835
Dixon	\$ 63,647	\$ 48,588	\$ 112,234	\$ 5,743	\$ 53,569	\$ 52,922
Fairfield	\$ 372,162	\$ 292,423	\$ 664,585	\$ 105,943	\$ 254,985	\$ 303,658
Rio Vista	\$ 38,621	\$ 22,973	\$ 61,594	\$ 5,561	\$ 6,222	\$ 49,811
Suisun City	\$ 96,729	\$ 79,932	\$ 176,661	\$ 35,647	\$ 44,208	\$ 96,806
Vacaville	\$ 315,437	\$ 268,550	\$ 583,987	\$ 119,146	\$ 214,291	\$ 250,549
Vallejo	\$ 538,854	\$ 335,146	\$ 874,000	\$ 60,220	\$ 183,505	\$ 630,276
COUNTY TOTAL	\$ 1,906,084	\$ 1,288,751	\$ 3,194,835	\$ 487,841	\$ 998,578	\$ 1,708,415

Jurisdiction	Pavement Needs	Non- Pavement Needs	Total System Preservation Needs	Committed Revenue	Plan Bay Area Investment Strategy*	Remaining System Preservation Needs to Meet Performance Target
County of Sonoma	\$ 1,963,525	\$ 385,667	\$ 2,349,192	\$ 205,983	\$ 655,279	\$ 1,487,931
Cloverdale	\$ 48,938	\$ 23,834	\$ 72,772	\$ 35,563	\$ 14,581	\$ 22,629
Cotati	\$ 36,903	\$ 20,633	\$ 57,536	\$ 2,671	\$ 23,464	\$ 31,401
Healdsburg	\$ 75,664	\$ 32,928	\$ 108,593	\$ 37,195	\$ 21,641	\$ 49,757
Petaluma	\$ 366,131	\$ 161,180	\$ 527,311	\$ 23,213	\$ 162,551	\$ 341,547
Rohnert Park	\$ 160,679	\$ 119,773	\$ 280,452	\$ 48,869	\$ 102,300	\$ 129,283
Santa Rosa	\$ 839,670	\$ 451,064	\$ 1,290,734	\$ 601,141	\$ 209,447	\$ 480,146
SEBASTOPOL	\$ 33,256	\$ 21,922	\$ 55,177	\$ 16,748	\$ 22,875	\$ 15,555
Sonoma	\$ 47,555	\$ 27,814	\$ 75,369	\$ 2,028	\$ 50,928	\$ 22,413
Windsor	\$ 126,193	\$ 74,393	\$ 200,586	\$ 20,859	\$ 86,066	\$ 93,661
COUNTY TOTAL	\$ 3,698,515	\$ 1,319,208	\$ 5,017,723	\$ 994,268	\$ 1,349,131	\$ 2,674,323

Jurisdiction	Pavement Needs	Non- Pavement Needs	Total System Preservation Needs	Committed Revenue	Plan Bay Area Investment Strategy*	Remaining System Preservation Needs to Meet Performance Target
Alameda	\$ 3,715,245	\$ 4,082,437	\$ 7,797,682	\$ 2,147,587	\$ 1,477,014	\$ 4,173,081
Contra Costa	\$ 3,111,346	\$ 2,674,212	\$ 5,785,558	\$ 2,914,794	\$ 1,078,936	\$ 1,791,829
Marin	\$ 864,832	\$ 641,477	\$ 1,506,309	\$ 654,672	\$ 332,981	\$ 523,087
Napa	\$ 1,087,116	\$ 428,822	\$ 1,515,938	\$ 704,995	\$ 457,632	\$ 368,422
San Francisco	\$ 2,415,717	\$ 2,362,721	\$ 4,778,438	\$ 2,298,843	\$ 487,602	\$ 1,991,992
San Mateo	\$ 1,929,281	\$ 1,983,937	\$ 3,913,217	\$ 1,440,204	\$ 919,297	\$ 1,607,188
Santa Clara	\$ 5,776,128	\$ 5,117,758	\$ 10,893,886	\$ 3,373,599	\$ 2,838,700	\$ 4,695,585
Solano	\$ 1,906,084	\$ 1,288,751	\$ 3,194,835	\$ 487,841	\$ 998,578	\$ 1,708,415
Sonoma	\$ 3,698,515	\$ 1,319,208	\$ 5,017,723	\$ 994,268	\$ 1,349,131	\$ 2,674,323
REGION	\$ 24,504,263	\$ 19,889,322	\$ 44,403,585	\$ 15,016,804	\$ 9,939,872	\$ 19,533,922

*Investment Strategy is functionally equivalent to LSR investments in Transportation 2035. Plan would provide funds to maintain current conditions of Pavement. Actual distribution of funds will be subject to OneBayArea Grant county distribution.

APPENDIX A – 56

2015 TIP Detail

Caltrans 2015 FTIP Development Checklist and Development Guidance



2015 Federal Transportation Improvement Program (FTIP) Checklist for Caltrans FTIP Coordinator

I. Timeline:

Ensure each Metropolitan Planning Organization (MPO) submits the following items to Caltrans:

- The *Draft* 2015 FTIP at the start of the FTIP public review period but not later than **September 2, 2014**.
- Three copies of the *Final* 2015 FTIP, along with any amendments and administrative modifications to the 2015 FTIP by **October 1, 2014**.
- Weblink to the Final 2015 FTIP and amendments by **October 1, 2014**.

II. FTIP Package Submittal:

Verify the FTIP package includes the following:

- ☒ Project Listings (Volume I, Section 3, S3-1)
 - Projects that are Transportation Control Measures (TCMs) are identified
- ☒ Detailed listings for highway and transit grouped projects (back-up listings) (Appendix A-49)
- ☐ Signed board resolution that addresses the following: (Appendix A-1)
 - Consistency with the metropolitan transportation planning regulations per Title 23 Code of Federal Regulations Part 450
 - Consistency with the Regional Transportation Plan (RTP) ____ (e.g. 2030)
 - Financial constraint – the enclosed financial summary affirms availability of funding
 - Meets Air Quality Conformity
 - Does not interfere with the timely implementation of the TCMs contained in the State Implementation Plan (SIP)
 - Completion of the public participation process in accordance with the MPO's Public Participation Plan (PPP)
- ☐ Project listings included in the Final 2015 FTIP are available in the California Transportation Improvement Program System (CTIPS)
- ☒ Financial Summary (Appendix A-61)
 - Includes financial information covering the first four years of the FTIP
 - Excel file submitted electronically (Template is posted at <http://www.dot.ca.gov/hq/transprog/oftmp.htm>)
- ☒ Air quality conformity analysis and determination (Appendix A-44)
- ☒ PPP/Interagency Consultation (Appendix A-3)
- ☒ Expedited Project Selection Procedures (EPSP) documentation (Volume I, Section 1, S1-19)
 - Includes the following statement: *"Projects from the first four years of the 2015 FTIP have been selected using the approved project selection procedures."*
- ☐ Three copies of the Final 2015 FTIP mailed to:

California Department of Transportation
Office of Federal Transportation Management Program, MS 82
P.O. Box 942874
Sacramento, CA 94274-0001
Attention: Muhaned Aljabiry

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2015 Federal Transportation Improvement Program (FTIP) Development Guidance

This guidance is not intended to supersede any federal regulations. FTIPs must comply with applicable metropolitan transportation planning regulations per Title 23 Code of Federal Regulations Part 450.

Timeline

At the start of the public review period, but not later than September 2, 2014, MPO must transmit two copies of their Draft 2015 FTIP to Caltrans. We recommend the MPOs refer to the 2015 FTIP Checklist (http://www.dot.ca.gov/hq/transprog/federal/fedfiles/res_publications/2015-ftip-checklist.pdf) to ensure all items are included in the submittal with the exception of the signed board resolution. MPOs must submit the final 2015 FTIP to Caltrans by October 1, 2014. If an MPO misses FTIP submittal deadline, its FTIP will not be included in the FSTIP until FHWA/FTA approves the 2015 FSTIP. In this case, Caltrans will be required to post the MPO's FTIP for a 14-day public review period to comply with the FSTIP's Public Participation Plan.

Amendments and/or administrative modifications

Amendments and/or administrative modifications to the board-adopted FTIPs received by Caltrans on or before October 1, 2014, will be included as part of the Draft FSTIP. Note that MPOs with delegated authority from Caltrans may only approve administrative modifications to their 2015 FTIP, and not to the 2015 FSTIP during this time. After October 1, 2014, any amendments and/or administrative modifications to the 2015 FTIPs will be processed after FHWA/FTA approves the 2015 FSTIP.

Maintenance and Operations Costs

Federal regulations require FTIPs to identify costs of maintaining and operating the Federal-aid system. The FTIP must include the basis for the calculations of operations and maintenance needs for your region. An analysis of revenues dedicated for those activities must be included in the FTIP Financial Plan. Also, address any anticipated shortfall in available revenue and the plans to address such shortfall.

Satisfying Public participation requirement for development of the Program of Projects (POP) for FTA 5307 Program through FTIP Development

FTA has determined that when a transit recipient follows the procedures of public involvement process outlined in the FHWA/FTA planning regulations, it satisfies the public participation requirements associated with development of the POP (that recipients of FTA Section 5307 funds must meet). In such case, the transit recipient shall coordinate with the MPO, and make sure the public knows that it is using the public participation plan associated with FTIP to satisfy the public hearing requirements for the POP. **The transit recipient must ensure the FTIP explicitly states that public notice of public involvement activities and time established for public review and comment for the FTIP will satisfy the POP requirements of the Section 5307 Program.**

Project Listings

- For Planning Studies (non-transportation capital), verify that these projects are included in the Overall Work Program rather than the FTIP.
- The total funding for each phase shall be shown in the year of obligation (E-76).

- Grouped Project Listings: Guidance for grouping projects in air quality nonattainment or maintenance areas is available at:
http://www.dot.ca.gov/hq/transprog/federal/fedfiles/res_publications/grouped_pjt_listings.pdf
 For MPO areas and Rural non-MPO counties that are classified as air quality attainment (SBCAG, AMBAG, and Shasta), refer to 23CFR771.117 (c) and (d) for additional information on projects that can be classified as "Categorical Exception (CE)." For those areas, projects that are not considered regionally significant and qualify as CE may be grouped together. MPOs are responsible for determining if projects are eligible for inclusion in the grouped project listings. Note that projects funded from the FTA funding can be grouped provided the detailed project list is readily available to FTA and the public. The detailed project list must be included in the FTIP (and in the FTIP Amendment) when it is circulated for public review.
- Projects must be included in the FSTIP to receive environmental approval. Therefore, projects with no funding programmed within the first four years of the FTIP and are programmed to receive an environmental document approval must add the following to the project description:
 - RTP Reference and project completion date
 - "Project included in the FTIP for environmental approval."
- Each project in the FTIP shall include the following information:
 - Sufficient description (i.e., type of work, termini, and length) to identify the project. See the section below for more information.
 - Total project cost based upon the latest estimates which may extend beyond the four years of the FTIP. Cost estimates must use an inflation rate to reflect "year of expenditure dollars" based upon reasonable financial principals and assumptions and be included in the "Financial Plan." Projects in air quality nonattainment and maintenance areas can be included in the first two years of the FTIP and FSTIP only if funds are "available or committed"
 - The amount of Federal funds proposed to be obligated during each program year (for the first year, this includes the proposed category of Federal funds and source(s) of non-federal funds. For the second, third, and fourth years, this includes the likely category or possible categories of Federal funds and source(s) of non-federal funds).
 - Required non-federal matching funds
 - Implementing agency
 - Corresponding Regional Transportation Plan (RTP) number or RTP page number. MPOs that use CTIPS to develop their FTIPs may use the "Project Title, Location & Description" field or the "MPO Comments" field to include RTP information.

Highway Projects (State Highways/Local Roads) Description Format

Description Formula: [(Location :) + (Limits) + (;) + (Improvement)]	
Location:	<p>The nearest city or significant town illustrated on state highway maps. If the project is located more than five miles away from the city or town, then prefix the city name with "East, West, North, or South of."</p> <ul style="list-style-type: none"> • <i>In Bakersfield:</i> • <i>South of Bakersfield</i>
Limits:	<p>Project limits can be stated as from one road to another. Other boundary landmarks, such as rivers, creeks, state parks, freeway overcrossings, can be used in-lieu of streets or roads.</p> <ul style="list-style-type: none"> • <i>Between 1st Street and Pine Boulevard;</i> • <i>North of Avenal Creed to South of Route 33;</i> • <i>At Rock Creek Bridge;</i>
Improvement:	<p>Describes the work to be done. Include significant components of the improvement (in particular those that relate to air quality conformity).</p> <ul style="list-style-type: none"> • <i>Rehabilitate roadway.</i> • <i>Convert 4-lane expressway to 6-lane freeway with 2 HOV lanes.</i> • <i>Construct left turn lane.</i>

Example: In Bakersfield: Between 1st Street and Pine Boulevard; rehabilitate roadway.

Transit Project Description Format

Description Formula: [(Location :) + (Limits) + (;) + (Improvement)]

Location:	<p>For work at spot locations for large (statewide) transit agencies: The nearest city or significant town illustrated on state highway maps. If the project is located more than five miles away from the city or town, then prefix the city name with "East, West, North, or South of."</p> <ul style="list-style-type: none"> • <i>In Bakersfield:</i> • <i>North of Bakersfield:</i> <p>Otherwise: Skip this step.</p>
Limits:	<p>For work at spot locations (all agencies): Name of the station, description of facility, name the rail corridor for the project etc.</p> <ul style="list-style-type: none"> • <i>Lafayette BART Station;</i> • <i>The Daly City Yard, adjacent to the Colma Station;</i> • <i>San Joaquin Corridor;</i> <p>Otherwise: Skip this step.</p>
Improvement:	<p>Describes the work to be done. Include significant components of the improvement (in particular those that relate to air quality conformity).</p> <ul style="list-style-type: none"> • <i>Construct a station.</i> • <i>Construct a child care facility.</i> • <i>Track and signal improvements.</i> <p>Projects that apply to entire transit agency jurisdiction – describe activity</p> <ul style="list-style-type: none"> • <i>Purchase of 59 buses -- 12 MCI's and 47 Standard 40 ft buses (note if expansion or replacement).</i> • <i>Paratransit van leasing.</i> • <i>Operating assistance for Sacramento Regional Transit.</i>
Example:	<p>North of Bakersfield: San Joaquin Corridor – Track and signal improvements. Lafayette BART Station; construct a child care facility. Operating assistance for Sacramento Regional Transit.</p>

Use of Toll Credits

Federal-aid highway projects typically require sponsors to provide a certain amount of non-federal funds as match to federal funds. However, at the MPO's discretion, a project may be funded without the required non-federal match using Toll Credit (TC) provisions.

TCs can be used for the four-year duration of the 2015 FTIPs for state and local highway and for transit projects. Note that the use of TCs does not generate additional federal funding and is limited to the non-federal match required for the federal apportionments available in any given year.

Programs for which Toll Credits may be used:

STIP	Projects with the construction cost (excluding support costs) and/or the right of way cost (excluding support costs) greater than \$1 million are eligible to receive TCs.	STIP AC
SHOPP	All SHOPP projects shall be programmed with 100% SHOPP AC	SHOPP AC
Highway Maintenance	All projects shall be programmed with 100% federal funds (STP or NHS) using TCs.	STP or NHS
State Minor	All eligible projects shall be programmed with 100% "SHOPP-AC – Minor Program" fund type (flexible federal fund type) using TCs.	SHOPP AC – Minor Program
HBP – Off System Projects	TCs are to be used for the "Off federal aid system" projects.	HBP
HBP – On System projects	TCs can be used for the "On federal aid system" projects using other eligible federal funds.	Eligible federal funds (e.g. CMAQ, RSTP)
HSIP	TCs can be used for projects from the local safety programs using other eligible federal funds	Eligible federal funds (e.g. CMAQ, RSTP)
CMAQ and RSTP	Projects may be programmed with TCs at MPO's discretion.	CMAQ, RSTP
FTA – Funded Projects	Projects funded from the formula programs are eligible to receive TCs. Below are the eligible programs. <ul style="list-style-type: none"> • 5307 including CMAQ and RSTP FTA transfer projects • 5309 • 5310 • 5311 including CMAQ and RSTP FTA transfer projects • 5316 • 5317 • 5337 • 5339 	Various

Projects using TCs shall note the "Use of TCs" in the project description in the FTIP.

2014 State Transportation Improvement Program (STIP)

- The total project cost and all funding, including non-STIP funding, must be shown in the FTIP. (Note: If a phase is programmed outside of the 2015 FTIP period, then the total project cost can be shown in the MPO comment section or in the project description field in CTIPS).
- When a STIP project is transferred from the STIP into the FTIP in CTIPS through the "CTIPS Transfer Mechanism," right of way support and construction support costs will be added to the corresponding capital costs. Please make sure to change the appropriate "STIP-RIP/IIP" fund type.
- With the passage of Moving Ahead for Progress in the 21st Century Act (MAP-21), Congress eliminated the Transportation Enhancement (TE) Program and, established the Transportation Alternatives Program (TAP). The TAP is a competitive program and is *not* included in the STIP. Existing TE projects may remain in the 2015 FTIP provided they are eligible for State Highway Account or Federal funds in lieu of TE funds.
- Projects greater than \$1 million are eligible to receive TCs. TCs shall not be used if the non-federal matching requirement has already been met with other non-federal funds (e.g. Proposition 1B, local funds).
- MPOs may choose one of the following options for programming STIP projects:
 - a) **Recommended Option:** Use the CTC adopted 2014 STIP.
 - b) Use CTC staff recommendations.
 - c) Use the county and interregional shares information from the 2014 STIP Fund Estimate (FE).
[http://www.dot.ca.gov/hq/transprog/ctcliaison/misc%20OCTCL%20Info/Final 2014 STIP FE.pdf](http://www.dot.ca.gov/hq/transprog/ctcliaison/misc%20OCTCL%20Info/Final%202014%20STIP%20FE.pdf)
 - d) Program only existing projects from the 2012 STIP that are to be re-programmed in the 2014 STIP.

Note: For options b, c, or d, once the CTC adopts the 2014 STIP, the MPO must process an amendment to the 2015 FTIP to align its FTIP with the 2014 STIP and submit it with the final 2015 FTIP by **October 1, 2014**.

Timeline:

- February 27, 2014 – California Transportation Commission (CTC) staff recommendations for the 2014 STIP projects are expected to be released.
- March 21, 2014 – CTC adoption of the 2014 STIP.
- May 2014 – The 2014 STIP will be available in CTIPS for transfer into the FTIPs.

Projects that are eligible to receive TCs, STIP – IIP or RIP funding portion of the project (including all support and capital costs) must be programmed with 100% “STIP-AC” fund type.

Any non-STIP project funding (e.g. Proposition 1B, local funds) shall be programmed in accordance with the STIP funding details in CTIPS.

CTIPS (California Transportation Improvement Program System)

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Projects with construction costs (excluding support costs) and/or the right of way cost (excluding support costs) of less than \$1 million, all STIP – IIP or RIP funding portion must be programmed with 100% “STATE CASH.”

CTIPS (California Transportation Improvement Program System)

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Projects multi-funded with federally eligible Local Assistance funding such as CMAQ, HPP, etc, shall program all STIP funds with 100% “STIP—AC.”

2014 State Highway Operation and Protection Program (SHOPP)

- Program all projects with 100% "SHOPP AC" fund type using TCs.
- For non-attainment areas, projects that are not exempt from air quality conformity determination must be listed individually in the FTIP.
- For attainment areas, projects that are not classified as Categorical Exclusion (CE) must be listed individually in the FTIP.
- In the financial summary, the total revenue is equal to the total programmed.

Note: MPOs may contact their District FTIP Coordinators if they need more information on the project scope in order to make the determination of non-Exempt or CE.

Timeline:

- January 29, 2014 – Caltrans to submit 2014 SHOPP to the CTC.
- March 21, 2014 – CTC adoption of the 2014 SHOPP.
- June 30, 2014 – The 2014 SHOPP will be available in CTIPS for transfer into the FTIPs.
- After June 30, 2014 – Caltrans will provide the SHOPP Grouped Project Listings.

CTIPS (California Transportation Improvement Program System)

File Edit View Actions Tools Help

Fund Table Manager

Edit Fund Type Browse All Funds

Fund Type Details

Fund ID Fund Name Detailed Fund Description (Click "?" Button)

SHOPPAC SHOPP Advance Construction (AC) State funds used to advance SHOPP projects

Blended Fund Type Match % Match Fund Type

2

Archived Fund Type State Highway Account

Program Category(s) Containing this Fund Type

CT Minor Pgm

SHOPP - Bridge Preservation

SHOPP - Collision Reductor

SHOPP - Emergency Responder

SHOPP - Mandates

SHOPP - Mobility

SHOPP - Roadside Preservation

SHOPP - Roadway Preservation

SHOPP Prior

Select Category to Add

MPO Filter - This Fund Type Applies to

AMDAO BDAO COFCG HODD MCAG

ITC SACOD SUCAG SCAG SANDAO

Shasta SACOG SLOCOO STANCOO TCAO

Kings TRPA Modera Pinal/Imperial

Check All 7

Delete Fund Type Add Fund Type

Top Prior Next Bottom

Exit

Selected 9 records in 0.02 seconds

Various State and Federal Programs

Programming information for various federal-aid programs is posted on:
http://www.dot.ca.gov/hq/transprog/federal/var_fed_state_prog.htm

Active Transportation Program

The CTC is finalizing ATP guidelines.

California Transportation Improvement System (CTIPS)

Draft FTIP Module- User's Guide is available at:

http://www.dot.ca.gov/hq/transprog/federal/fedfiles/res_publications/draft-ftip-users032612.pdf

CTIPS Fund Table is available at:

http://www.dot.ca.gov/hq/transprog/federal/fedfiles/res_publications/ctips-fund-sum-list.pdf

APPENDIX A – 57

2015 TIP Detail

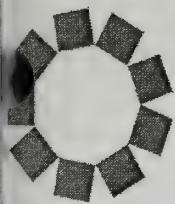
Public Notifications, Hearings and Distribution List



**Table of Contents for
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Public Notifications, Hearings and Distribution List**

ABAG CEQA Environmental Review Log	Attachment A
List of public libraries that receive public review documents	Attachment B
Postcard announcing availability of the Draft 2013 TIP.....	Attachment C
July 9, 2014 Public Hearing Notice (English, Spanish, and Chinese).....	Attachment D

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Association of Bay Area Governments

CEQA Environmental Review Log

Issue No: 365 Tuesday, April 01, 2014

A listing from the Association of Bay Area Governments of Projects Affecting The Nine-County San Francisco Bay Area

Guide to Listing: Project applications shown in the Newsletter are received and published monthly to notify local governments and other parties about programs requiring intergovernmental review and projects of special significance. For more information, call either the ABAG Clearinghouse at (510) 464-7993 or the contact person.

Documents Received On Or After Wednesday, April 30, 2014

Due Date	County	Impact Area	Document Type	Document Title	Lead Agency	Contact	Phone
5/28/2014	MULTI-COUNTY		Final EIR	Richmond Bay Campus Long Range Development Plan and Related Documents	Lawrence Berkeley National Laboratory	Jeff Philliber	
The project would establish, construct, and operate a new major research campus on 134 acres of land UC owns in Richmond, California. The proposed RBC 2014 Long Range Development Plan has been prepared by UC Berkeley and UC Lawrence Berkeley National Laboratory; the LRDP would guide development of up to 5.4 million square feet of RBC research, office and support facilities through 2050.							
5/15/2014	MULTI-COUNTY		Final EIR	Golden Gate National Recreation Area & Muir Woods National Monument	Golden Gate National Recreation Area	Planning Division	(415) 561-4700
The plan identifies the preferred alternatives-- Connecting People with the Parks for parkland in San Mateo, San Francisco, and Marin Counties; and Focusing on National Treasures for Muir Woods and Alcatraz Island-- as reshaped by public comments and the NPS responses to them.							
5/30/2014	MULTI-COUNTY		Draft EIR	San Joaquin Corridor Program	Department of Transportation District 7	Dawn Kukla	(213) 897-3643
The Program proposes to increase the number of passenger train operations within the San Joaquin Corridor from 12 to 22 trains per day; increase Amtrak train speed from 79 miles per hour to 90 mph; and install the requisite track infrastructure to support these operations. The objective is to provide adequate public transportation over this corridor to meet a forecast increase in passengers from 1.2 million per year to 3.2 million per year in 2035							
7/31/2014	MULTI-COUNTY		Notice	Draft 2015 TIP & Draft Transportation-Air Quality Conformity Analysis for the Plan and Draft 2015 TIP	Metropolitan Transportation Commission	MTC	(510) 817-5700

The federally required Transportation Improvement Program (TIP) is a comprehensive listing of Bay Area surface transportation projects that are to receive federal funding or are subject to a federally required action, or are considered regionally significant for air quality conformity purposes. The TIP covers a four-year period and must be financially constrained by year, meaning that the amount of dollars committed to the projects (also referred to as "programmed") must not exceed the amount of dollars estimated to be available. The 2015 TIP includes projects "programmed" in four fiscal years: FY 2014-15, FY 2015-16, FY 2016-17 and FY 2017-18. This notice also serves to satisfy the public involvement requirements of the Federal Transit Administration (FTA) annual Program of Projects.

ALAMEDA COUNTY

Neg. Dec.

City of Alameda 2014 Draft Housing Element Update

Andrew Thomas

(510) 747-6881

the 2014 Draft Housing Elements is an update to the Housing Element adopted by the City of Alameda in July of 2012.

Due Date	County	Impact Area	Document Type	Document Title	Lead Agency	Contact	Phone
	ALAMEDA COUNTY		Notice	Stonybrook Creek Fish Passage Improvement Project	NRCS	John Harrington	(530) 792-5622
Stonybrook Creek drains approximately six square miles of central Alameda County. Watershed hydrology and channel function have been historically impacted by water utilization for low-density residential use and minor agricultural development, and by the effects of numerous road-crossings over Stonybrook creek.							
	ALAMEDA COUNTY		Notice	INITIAL STUDY AND PROPOSED NEGATIVE DECLARATION FOR PUD-104 (PUD REZONING AND DEVELOPMENT PLAN)/PUD-81-22-14M (PUD MAJOR MODIFICATION), WORKDAY, INC.	City of Pleasanton	Steve Otto	(925) 931-5608
This Initial Study (IS) with the Mitigated Negative Declaration (MND) and the Mitigation Monitoring and Implementation Program (MMIP) provides the California Environmental Quality Act (CEQA) environmental analysis for the following land use entitlements: PUD-104, Planned Unit Development (PUD) rezoning and development plan to construct a six-story, approximately 430,000 square foot office building, parking garage, and related site improvements at 6110 Stoneridge Mall Road (adjacent to the West Dublin/Pleasanton BART station); and PUD-81-22-14M, PUD Major Modification to the PUD governing Stoneridge Corporate Plaza (6120-6160 Stoneridge Mall Road) to construct a parking garage, surface parking modifications, and related site improvements and to eliminate the public's use of the private landscaped area between the existing office buildings.							
5/23/2014	ALAMEDA COUNTY		NOP	THE CITY OF ALBANY 2035 GENERAL PLAN	City of Albany	Anne Hersch	(510) 528-5760
The existing City of Albany General Plan was adopted in 1992, and does not address several issues of importance to City residents, such as climate change and sustainability. It is based on data that is more than 20 years old and does not reflect many recently adopted plans and programs. The City of Albany 2035 General Plan will include an updated vision, with goals, policies and actions that anticipate the 2035 build-out, and which also reflect the needs and preferences of the community while ensuring compliance with State law. Information related to the General Plan can be found at www.albany2035.org .							
5/2/2014	ALAMEDA COUNTY		Neg. Dec.	Leona Heights Sulfur Mine Remediation Project	City of Oakland	Darin Ranelletti	(510) 238-3663
The purpose of the proposed project is to remediate the steeply sloping piles of leftover mining waste rock, or tailings, and stabilize the Leona Creek channel to improve water quality at the abandoned Leona Heights Sulfur Mine in the Oakland Hills. The water quality on the site is impaired due to contact between the mining waste and surface water run-off. The California Regional Water Quality Control Board, San Francisco Bay Region, issued a Cleanup and Abatement Order in May 2013 and this project implements the Order.							
5/29/2014	ALAMEDA COUNTY		Neg. Dec.	Del Monte Warehouse Project	City of Alameda	Andrew Thomas	(510) 747-6881
The project sponsor proposes to adaptively re-use the Del Monte Warehouse building and develop several new structures on the Del Monte Warehouse site, which is located at 1501 Buena Vista Avenue in the north-central portion of the City of Alameda.							
5/14/2014	ALAMEDA COUNTY		Notice	Laguna Commons	Alameda County Housing and Community Devel. Dep.	Kelly Thiemann	(510) 670-5280
Alameda County will submit a request to the U-S> Department of Housing and Urban Development for release of \$ 387,000 in Home Investment Partnership Program funds as authorized by the National Affordable Housing Act of 1990, Title II, as amended, to undertake a project known as Laguna Commons for the purpose of providing affordable housing. Alameda County has determined that the project will have no significant impact on the human environment.							
	CONTRA COSTA COUNTY		Notice	PD-13-03 Williamson Ranch Plaza Planned Development Amendment	City of Antioch	Tina Wehrmeister	(925) 779-7035
Amend the Williamson Ranch Plaza Planned Development Standards to delete the restriction to medical/professional offices for the buildings at 4851, 4849, 4847, and 4839 Lone Tree Lane							

Due Date	County	Impact Area	Document Type	Document Title	Lead Agency	Contact	Phone
5/10/2014	CONTRA COSTA COUNTY		Neg. Dec.	I-580 Eastbound Express Lanes Project	Department of Transportation	Zachary Gifford	(510) 286-5610
<p>WHAT'S BEING PLANNED. The California Department of Transportation (Caltrans) and the Alameda County Transportation Commission (Alameda CTC) propose to convert the I-580 eastbound high-occupancy vehicle (HOV) lane to an express lane facility. The express lanes will allow HOVs to travel without cost and give solo drivers the option to pay to use the lanes. The project area is from west of Hopyard Road/Dougherty Road to east of Greenville Road in Dublin, Pleasanton, and Livermore, Alameda County</p>							
5/30/2014	CONTRA COSTA COUNTY		NOP	Preparation of Draft Environmental Impact Report for 2014 Update to the Contra Costa Countywide Comprehensive Transportation Plan	Contra Costa Transportation Authority	Brad Beck	(925) 256-4726
<p>The Authority Was established in April 1989 to implement the Measure C Transportation Improvement and Growth Management Program passed by voters in November 1988. Measure C included an Expenditure Plan for allocating revenues from the collection of a one-half percent sales tax to a variety of projects and programs.</p>							
5/15/2014	CONTRA COSTA COUNTY		Notice	Richmond Central Project	City of Richmond	Jonelyn Whales	(510) 620-6785
<p>Multi-Family Units: A total of 172 Apartments , Open Space and Community Amenities: Common open space include a community space and office; public plazas , laundry and exercise. Circulation and Parking: Vehicle access to and from the site would be provided via an entry and exit onto San Mateo Street.</p>							
	CONTRA COSTA COUNTY		Notice	Black Diamond Ranch Project	City of Antioch	Tina Wehrmeister	(925) 779-7035
<p>Approval of second Amendment Settlement Agreement associated with implementation and construction of the Black Diamond Ranch Project and in particular the Somersville Road Widening Project, as well as an Agreement with Contra Costa County for the Joint Exercise of Powers Relating</p>							
5/9/2014	CONTRA COSTA COUNTY		NOP	Chevron Hensley Street and Former Kelham Warehouse Properties Redevelopment Project	City of Richmond	Kieron Slaughter	(510) 620-6706
<p>On the Hensley site , the proposed project would demolish the approximately two dozen existing industrial buildings and ancillary structures on the 43.6-acre site and redevelop the site with two large warehouse buildings and one smaller building to be used for industrial purposes. On the Kelham site, the proposed project would redevelop approximately 18.5 acres of vacant land owned by Chevron with up to five buildings to be used for industrial purposes.</p>							
	CONTRA COSTA COUNTY		Notice	AutoZone GP-13-01, SP-13-01, Z-13-01, PD-13-02, V-13-01, UP-13-04, AR-13-04	City of Antioch	Mindy Gentry	(925) 779-7035
<p>Stanec, on behalf of AutoZone, Inc. submitted a proposal to develop a 7,928 sq. foot retail store on a 24,590 square foot vacant lot. The proposed project consists of an AutoZone store, master use list for the site, monument sign, parking lot, loading area, site improvements and landscaping.</p>							
5/23/2014	CONTRA COSTA COUNTY		Draft EIR	Brentwood General Plan Update	City of Brentwood	Taira Ordaz	(925) 516-5132
<p>The City of Brentwood is preparing a comprehensive update to its existing General Plan, which was last comprehensively updated in 1993 (a partial update involving the Growth Management, Land Use, and Circulation Elements was completed in 2001). The General Plan Update is expected to be complete in the summer of 2014. The overall purpose of the Brentwood General Plan is to create a policy framework that articulates a vision for the city's long-term physical form and development, while preserving and enhancing the quality of life for Brentwood residents, and increasing opportunities for high-quality local job growth. The key components of the General Plan will include broad goals for the future of Brentwood, and specific policies and actions that will help implement the stated goals. The Brentwood General Plan will include a comprehensive set of goals, policies, and actions (implementation measures), as well as a revised Land Use Map. The State requires that the General Plan contain seven mandatory elements: Land Use, Circulation, Housing, Open Space, Noise, Safety, and Conservation. The Brentwood General Plan will include all of the State-mandated elements, as well as several optional elements, including: Community Services and Facilities, Economic Development, Fiscal Sustainability, Growth Management, and Infrastructure. The Housing Element will be completed separately, and will undergo a separate public review and comment period.</p>							

Due Date	County	Impact Area	Document Type	Document Title	Lead Agency	Contact	Phone
5/1/2014	CONTRA COSTA COUNTY		NOP	TESORO AVON MARINE OIL TERMINAL LEASE CONSIDERATION	California State Lands Commission	Sarah Mongano	(916) 574-1890
<p>Tesoro has applied to the CSLC to implement the Tesoro Avon Marine Oil Terminal Lease Consideration (Project) (Lease No. PRC 3454.1). Please see Attachment 1 for more details. The proposed Project has three components:</p> <p><input type="checkbox"/> Tesoro is seeking approval from the CSLC for a new 30-year lease to continue current operations of the Avon Marine Oil Terminal (Avon Terminal). The Avon Terminal exists and is currently operating; however, issuance of a new 30-year lease will require the preparation of an EIR because, among other potentially significant impacts, there is an inherent risk of oil spills at any facility where petroleum product is routinely transferred over water.</p> <p><input type="checkbox"/> Tesoro will also be conducting upgrades on the Avon Terminal to meet Marine Oil Terminal Engineering Maintenance Standards (MOTEMS). 2 Upgrades will include: the decommissioning (demolition and removal) of Berth 1; construction of a new berthing area, Berth 1A; repairs, retrofits, and construction on the existing approach trestle; and demolition and removal of existing Berth 5.</p> <p><input type="checkbox"/> The Project also involves periodic dredging activities to maintain approximately 44 feet depth below mean lower low water (MLLW).</p>							
5/24/2014	CONTRA COSTA COUNTY		Notice	West Antioch Creek Channel Improvement Project	City of Antioch Community Development Department	Mindy Gentry	(925) 779-7035
<p>The Project is intended to reduce flooding in the Project area by designing for a 25 year level of protection. Currently within the project area, the West Antioch Creek Channel transitions from structural plate steel arch culverts under West Tenth Street, to a concrete-lined ditch covered by wooden planking under a parking lot of 1400 West Tenth Street, to an open concrete-lined ditch adjacent to a carport associated with a neighboring apartment building.</p>							
5/19/2014	MARIN COUNTY		Notice	Upper Road Land Division Project	Town of Ross	Elise Semonian	(415) 453-1453
<p>Request for a Vesting Tentative Subdivision Map for three residential sites and approval of Design Review and Hillside Lot Applications for grading, and retaining wall construction and approvals for a common driveway to serve the sites.</p>							
5/5/2014	MARIN COUNTY		Neg. Dec.	Bolinas Lagoon Open Space Preserve Invasive Spartina Management Project	Marin County Parks	James Raives	(415) 473-3745
<p>Bolinas Lagoon Open Space Preserve provides a brief description of existing site conditions, the proposed modifications and improvements, and the discretionary approvals required for the project to proceed.</p> <p>Environmental Checklist and Discussion – provides specific environmental topic chapters, which address the following:</p> <p>i. Environmental setting or conditions that may affect or be affected by the project</p> <p>ii. Potential environmental effects and level of significance likely to result from the project as proposed</p> <p>iii. Mitigation measures to eliminate or substantially reduce the identified potentially significant environmental effects</p> <p>iv. References used in the analyses</p> <p>Appendices – including relevant technical reports.</p> <p>Bolinas Lagoon</p>							
	SAN FRANCISCO CITY AND COUNTY		Other	24-26 Ord Street	San Francisco Planning Department	Erik Jazewski	(415) 575-6813

The proposed project involves alteration to an existing two-family home built in 1910 including construction of an approximately 900 square-foot two car garage at the street frontage, as well as excavation and conversion of the existing crawl space below the home to residence use.

Due Date	County	Impact Area	Document Type	Document Title	Lead Agency	Contact	Phone
5/23/2015	SAN FRANCISCO CITY AND COUNTY	Remove garage bay and install new garage door	Other	739 12th Street	San Francisco Planning Department	Tina Tam	(415) 558-6378
5/23/2014	SAN FRANCISCO CITY AND COUNTY	Horizontal rear addition and conversion from single-family home to two dwelling units; modify pitched roof; add one parking space	Other	42 Homestead Street	San Francisco Planning Department	Allison Vanderslice	(415) 558-6378
5/22/2014	SAN FRANCISCO CITY AND COUNTY	Notice	3900-3906 24th Street	City of San Francisco Planning Department	Michael Smith	(415) 558-6322	
The proposal is to demolish the existing one-story addition(3904-3906 24th Street)and the storage structure located behind it on the western half of the subject lot and construct a three story horizontal addition attached to the west side of the adjacent building on the same lot at 3900 24th Street.							
5/7/2014	SAN FRANCISCO CITY AND COUNTY	Exemption	3028 Laguna Street	San Francisco Planning Department	Tina Tam		
Replace portion of sloped roof with flat roof. Relocate stair cabin. Master bath, family room and bath. Windows, expand roof deck.							
5/7/2014	SAN FRANCISCO CITY AND COUNTY	Notice	1801 and 1863 Mission Street	City of San Francisco Planning Department	Monica Pereira	(415) 575-9107	
The proposed project would construct two new mixed-use buildings on the two existing vacant lots. In Total, these buildings would provide 22 studios, five one-bedroom and 27 two-bedroom residential units. Additionally, the buildings would include a totalof 3,098 square feet of commercial space and 25 off-street (mechanically stacked) parking spaces.							
5/17/2014	SAN FRANCISCO CITY AND COUNTY	Other	48 Yukon Street	San Francisco Planning Department	Tina Tam		
Façade alterations to an existing building							
4/23/2014	SAN FRANCISCO CITY AND COUNTY	Other	2809-2811 Polk Street	San Francisco Planning Department	Allison Vanderslice	(415) 558-6378	
Horizontal and Vertical addition							

Due Date	County	Impact Area	Document Type	Document Title	Lead Agency	Contact	Phone
5/23/2014	SAN FRANCISCO CITY AND COUNTY		Other	3124 Baker Street	San Francisco Planning Department	Gretchen Hillyard	(415) 558-6378
Rear horizontal addition; change shape of windows on front facade							
4/23/2014	SAN FRANCISCO CITY AND COUNTY		Other	70 Woodacre Dr.	San Francisco Planning Department	Jeanie Poling	(415) 558-6378
Addition of 154.5 sq ft. to the second floor level&1st floor kitchen. Enclosed front yard with stucco garden walls and metal gate							
5/17/2014	SAN FRANCISCO CITY AND COUNTY			Sna Francisco International Airport South Field Cargo Demolition Project	San Francisco Planning Department	Kei Zushi	(415) 575-9036
The proposed project would involve the demolition of 1) a 65 foot tall, three story, 71,387 sf former Trans World Airlines (TWA) Hanger Building, 2) a 27 foot tall, two story, 9,800 sf Skywest Cargo Building and 3) associated ancillary structures including light posts, air conditioning units, smal etc. No new building would constructed as part of this project. The Skywest Cargo Building is located immediately northwest of the TWA Hanger Building							
5/23/2014	SAN FRANCISCO CITY AND COUNTY		Other	259 Fredrick Street	San Francisco Planning Department	Gretchen Hillyard	(415) 558-6378
Request for Historic Review Determination based on Conceptual Plans maximum buildable area at site							
6/13/2014	SAN MATEO COUNTY		Notice	Town of Colma Draft Updated Circulation Element	Town of Colma	Turhan Sonmez	(650) 757-8898
The town of Colma has updated its 1999 Circulation Element by: Removing Projects completed since 1999, Updating tables to include current 2013 traffic data; and Adding Complete Streets policies and provisions to comply with the Complete Streets Act.							
5/26/2014	SAN MATEO COUNTY		Draft EIR	Pacifica General Plan Update	City of Pacifica	Lee Diaz	(650) 738-7341
This chapter introduces the purposes and objectives of the proposed Pacifica General Plan and summarizes specific information describing the proposed Plan that will be used to complete the EIR analysis. This includes a description of the existing regional and local project setting; an outline of the projected population and employment growth rates, and development patterns through the 2035 planning horizon year; the proposed land use diagram; key data tables; and key policy directions. These project descriptions provide the basis for the environmental analysis in Chapter 3.2.1 Regional Location and Planning Boundaries							
	SAN MATEO COUNTY		Form 424	San Mateo County Transit District	San Mateo Transit District	Rebecca Arthur	(650) 508-6368
Federal Transit Administration Grant CA-90-Z124. This grant requests \$5,496,956.00 in federal funds for replacement cutaway buses, ADA OperatingSubsidy and Replacement of the Advanced Communications System.							

Due Date	County	Impact Area	Document Type	Document Title	Lead Agency	Contact	Phone
5/14/2014	SANTA CLARA COUNTY		Draft EIR	Guadalupe Recycling and Disposal Facility and Disposal/Landfill Gas Recovery Facility	City of San Jose	Rebekah Ross	(408) 535-8448
The purpose for the landfill gas collection and control system is to minimize emissions from the landfill and to minimize the potential for landfill gas to migrate laterally from the landfill. The landfill gas collection system at Guadalupe Landfill consists of horizontal and vertical collection wells located in the landfill waste mass.							
5/19/2014	SANTA CLARA COUNTY		Draft EIR	North Forty Specific Plan	Town of Los Gatos	Joel Paulson	(408) 354-6872
The proposed project is a specific plan for future development of the Plan Area. Development is expected to take place over a five to 20-year time period. The Draft Specific Plan provides a framework and development standards for the development of vacant parcels and redevelopment of the already-developed parcels. The Plan Area is divided into three districts (Lark, Transition, and Northern), within which a mix of commercial and residential uses is envisioned. The Draft Specific Plan limits total non-residential floor area to 580,000 square feet and residential development to 364 units (both inclusive of existing uses). Additionally, the following maximum development capacities are established for each type of non-residential use: 250,000 square feet of office/hotel, and 400,000 square feet of commercial (includes: restaurants, retail, specialty market, health club, personal services, and entertainment). A hotel with or without a conference center is also allowed, potentially providing for between 200 and 250 conference participants.							
5/12/2014	SANTA CLARA COUNTY		NOP	Guadalupe Landfill - Gas Recovery Facility Relocation Project File No. PDA93-018-03	City of San Jose	Rebekah Ross	(408) 535-8448
As required by regulation, a landfill gas collection and control system has been installed at the Guadalupe Landfill. The landfill gas collection and control system removes landfill gas created by the anaerobic decomposition of waste and converts it to energy or burns excess emissions in a flare. The Gas Recovery Facility uses the landfill gas as a fuel for engine-generator sets to produce electricity. The control facilities are mitigation elements of the original Guadalupe Landfill Project because the destruction of landfill gas by the control facilities reduces the emissions from the landfill that would otherwise occur in the absence of the collection and control system.							
5/29/2014	SOLANO COUNTY		Neg. Dec.	Rolling Hills Lane Minor Subdivision MS 14-01	Solano County Department of Resource Management	Nedziene Ferrario	(707) 784-6765
Subdivide 41 acres into one 21 acre parcel and one 20 acre parcel.							
	SONOMA COUNTY			Construction of a de-aeration system to increase available production capacity from two existing water supply wells	City of Cloverdale	John Locey	(707) 576-7322
Construction of a de-aeration system to increase available production capacity from two existing water supply wells							

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Attachment B

Attn: Documents Dept. Alameda County Business Library 2450 Stevenson Boulevard Fremont, CA 94538-2326	214	Nancy Atkins Documents Librarian Solano County Library John F. Kennedy Library Branch 505 Santa Clara Street Vallejo, CA 94590-5922	214	Attn: Documents Dept. Berkeley Public Library Main Branch 2090 Kittredge Street Berkeley, CA 94704-1491	214
Attn: Documents Dept. City of Palo Alto Library, Main Branch 1213 Newell Road Palo Alto, CA 94303-2999	214	Attn: Documents Dept. Contra Costa County Library Pleasant Hill Branch 1750 Oak Park Boulevard Pleasant Hill, CA 94523-4497	214	Attn: Documents Dept. Contra Costa County Library Concord Branch 2900 Salvio Street Concord, CA 94519-2597	214
Attn: Documents Dept. Contra Costa County Library Antioch Branch 501 West 18th Street Antioch, CA 94509-2292	214	Ms. Elaine Crepeau Head, Technical Services Belvedere Tiburon Library 1501 Tiburon Boulevard Tiburon, CA 94920-2530	214	Attn: Documents Dept. Dixon Public Library 230 North First Street Dixon, CA 95620-3028	214
Attn: Documents Dept. Hayward Public Library 835 C Street Hayward, CA 94541-5120	214	Attn: Documents Dept. Livermore Public Library 1188 South Livermore Avenue Livermore, CA 94550-9315	214	Attn: Documents Dept. Los Gatos Public Library 110 East Main Street Los Gatos, CA 95030-6981	214
MTC-ABAG Library	214	Attn: Documents Dept. Napa City-County Library 580 Coombs Street Napa, CA 94559-3396	214	Attn: Documents Dept. Novato Regional Library 1720 Novato Boulevard Novato, CA 94947-3084	214
Attn: Magazine Dept. Oakland Public Library Main Branch 125 14th Street Oakland, CA 94612-4310	214	San Leandro Community Library 300 Estudillo Avenue San Leandro, CA 94577-4783	214	Attn: Documents Dept. San Mateo County Library Half Moon Bay Branch 620 Correas Street Half Moon Bay, CA 94019-1998	214
Attn: Documents Dept. San Mateo Public Library Main Branch 55 West Third Avenue San Mateo, CA 94402-1592	214	Attn: Documents Dept. San Ramon Branch Library 100 Montgomery Street San Ramon, CA 94583-4707	214	Attn: Documents Dept. Santa Clara City Library Main Branch 2635 Homestead Road Santa Clara, CA 95051-5387	214
Attn: Documents Dept. Santa Clara County Library Gilroy Branch 350 West 6th Street Gilroy, CA 95020-6106	214	Attn: Documents Dept. Sonoma County Library Central Branch Third and E Streets Santa Rosa, CA 95404-4400	214		

**Public libraries that receive public review
documents in electronic format (CD).**

Alameda County Library
Newark Branch
6300 Civic Terrace Avenue
Newark, CA 94560-3795

215 Attn: Documents Dept.
Calistoga Public Library
1108 Myrtle Street
Calistoga, CA 94515-1730

215 Attn: Documents Dept.
Daly City Public Library
40 Wembley Drive
Daly City, CA 94015-4399

215

Attn: Documents Dept.
Dr. Martin Luther King, Jr. Library
150 East San Fernando Street
San Jose, CA 95112-3580

215 Attn: Documents Dept.
Marin County Free Library
3501 Civic Center Drive, Room 414
San Rafael, CA 94903-4189

215 Attn: Documents Dept.
Mill Valley Public Library
375 Throckmorton Avenue
Mill Valley, CA 94941-2698

215

MTC-ABAG Library

215 Attn: Documents Dept.
Petaluma Regional Library
100 Fairgrounds Drive
Petaluma, CA 94952-3369

215 Attn: Documents Dept.
Redwood City Public Library
1044 Middlefield Road
Redwood City, CA 94063-1868

215

Attn: Documents Dept.
Richmond Public Library
325 Civic Center Plaza
Richmond, CA 94804-1659

215 Attn: Government Documents
San Francisco Public Library
Main Branch
100 Larkin Street
San Francisco, CA 94102-4705

215 Attn: Documents Dept.
Solano County Library
Fairfield Civic Center Library Branch
1150 Kentucky Street
Fairfield, CA 94533-5799

215

Attn: Documents Dept.
Sunnyvale Public Library
665 West Olive Avenue
Sunnyvale, CA 94086-3707

215

**Public libraries that receive paper copy
of public review documents.**

Draft 2015 Transportation Improvement Program (TIP) & Draft Air Quality Conformity Analysis

***Released for
Public Review***



The Transportation Improvement Program (TIP) lists the near-term transportation projects, programs and investment priorities for the San Francisco Bay Area's surface transportation system – projects that have a federal interest and locally and state-funded regionally significant projects.



Metropolitan
Transportation
Commission

Deadline for comments is July 31, 2014



View and comment on the Draft 2015 TIP & Draft Transportation Air Quality Conformity Analysis for Plan Bay Area and Draft 2015 TIP

- Online at www.mtc.ca.gov/funding/tip/index.htm,
- At major public libraries in the nine Bay Area counties,
- For the library closest to you, call MTC's Public Information Office at 510.817.5757, or visit the above-mentioned web link.

A public hearing to receive public testimony on both documents is scheduled during MTC's Programming & Allocations Committee meeting, on Wednesday, July 9, 2014, 9:40 a.m., or immediately following MTC's Administration Committee meeting, whichever occurs later, at 101 Eighth Street, Oakland (Across from the Lake Merritt BART Station).

The deadline for written comments is 5 p.m. on Thursday, July 31, 2014. Submit comments to MTC's Public Information Office at 101 Eighth St., Oakland, CA 94607 or fax to MTC at 510-817-5848 or send via e-mail to info@mtc.ca.gov.

This notice also serves to satisfy the public involvement requirements of the Federal Transit Administration (FTA) annual Program of Projects.

At its September 10, 2014 meeting, MTC's Programming and Allocations Committee will consider public comments received; approval of the final documents is expected September 24, 2014, at the MTC Commission meeting.

Accessible Meetings

Sign Language interpreters or readers will be provided for the hearing if requested at least three business days in advance; every effort will be made to provide interpreters for non-English speakers if requested at least three business days in advance. To make your request, please call 510-817-5757.

¿Necesita este documento o información en español? Llame al 510-817-5656.

如果您需要我們翻譯這份文件，請電：510-817-5688。

Joseph P. Bort MetroCenter
101 Eighth Street, Oakland, CA 94607

TEL: 510.817.5700 • TTY/TDD: 510.817.5769
E-MAIL: info@mtc.ca.gov

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Metropolitan Transportation Commission Notice of Public Hearing

Interested persons are invited by the Metropolitan Transportation Commission (MTC) to comment on the following draft transportation programming documents:

- 1) Draft 2015 Transportation Improvement Program (TIP):** This is the region's transportation programming document that contains surface transportation projects including, but not limited to, public mass transit, highway, local road, bicycle and pedestrian projects proposed for funding based on anticipated available federal, state and local funding over the next four years that will receive federal funds or are subject to a federally required action or are regionally significant. The TIP must be financially constrained by year, and must be updated at least every four years. The Draft 2015 TIP was developed to be consistent with MTC's *Plan Bay Area*, the 28-year plan for transportation projects in the nine-county San Francisco Bay Area.
- 2) Draft Transportation-Air Quality Conformity Analysis for the Plan and Draft 2015 TIP:** MTC is also preparing a new transportation-air quality conformity analysis for the Plan and Draft 2015 TIP. The Draft 2015 TIP only includes projects consistent with *Plan Bay Area*. These projects have been modeled in the appropriate analysis year using the latest planning assumptions.

Copies of the Draft 2015 TIP, which includes the financial constraint analysis and the Draft Transportation-Air Quality Conformity Analysis, will be available for public review starting June 26, 2014, at the MTC Library, and at major public libraries in each of the nine Bay Area counties. The documents will be posted on the MTC Web site at <http://www.mtc.ca.gov/> and at <http://www.mtc.ca.gov/funding/tip/index.htm>.

A public hearing to receive public testimony on these documents is scheduled during MTC's July Programming & Allocations Committee meeting. The hearing is set for:

Wednesday, July 9, 2014, 9:40 a.m., or immediately following
MTC's Administration Committee meeting, whichever occurs later,
101 Eighth St., Oakland, California

Written comments may be submitted to MTC's Public Information Office at 101 Eighth St., Oakland, CA 94607 or faxed to MTC at 510-817-5848 or sent via e-mail to <info@mtc.ca.gov>. Written comments are due by 5 p.m. on Thursday, July 31, 2014. For more information, call MTC's Public Information Office at 510/817-5757. This notice also serves to satisfy the public involvement requirements of the Federal Transit Administration (FTA) annual Program of Projects.

At its regularly scheduled September Programming and Allocations Committee meeting, MTC will consider public comments received by the end of the comment period. MTC is scheduled to approve the

final transportation-air quality conformity analysis and the 2015 TIP on Wednesday, September 24, 2014, during its regularly scheduled Commission meeting.

Do you need written materials in large type or in Braille to participate in MTC or BATA meetings? Do you need a sign language interpreter or other assistance? Is English your second language? Do you need one of our documents translated? Do you need an interpreter who speaks your language present at one of our meetings?

We can help! You can request assistance by calling 510-817-5757 or 510-817-5769 for TDD/TTY. Visit www.mtc.ca.gov for more information. We require at least three days' notice to provide reasonable accommodations. We prefer more notice if possible. We will make every effort to arrange for assistance as soon as possible.

#

Comisión Metropolitana de Transporte

Aviso de Audiencia Pública

La Comisión Metropolitana de Transporte (MTC) invita a todas las personas interesadas a hacer comentarios sobre los siguientes anteproyectos de documentos de programación de transporte:

- 1) **Anteproyecto de Programa de Mejora de Transporte (TIP) 2015:** Este es el documento de programación del transporte de la región que contiene los proyectos de transporte de superficie, incluyendo, a título de ejemplo, transporte público masivo, autopistas, carreteras locales, y proyectos para ciclistas y peatones que han sido propuestos para la financiación basada en la disponibilidad esperada de fondos federales, estatales y locales durante los próximos cuatro años, y que recibirán fondos federales o están sujetos a una acción requerida a nivel federal, o bien que son de importancia regional. El TIP se debe limitar financieramente cada año, y se debe actualizar al menos cada cuatro años. El Anteproyecto del TIP de 2015 fue desarrollado para ser compatible con el *Plan Bay Area* de la MTC, el plan para los próximos 28 años para proyectos de transporte en los nueve condados del Área de la Bahía de San Francisco.
- 2) **Anteproyecto del Análisis de conformidad del transporte con la calidad del aire para el Plan y Anteproyecto del TIP de 2015:** MTC también está preparando un nuevo análisis de la conformidad del transporte con la calidad del aire para el Plan y Anteproyecto del TIP de 2015. El Anteproyecto de TIP 2015 sólo incluye proyectos consistentes con el *Plan Área de la Bahía*. Estos proyectos han sido modelados en el año correspondiente del análisis utilizando las suposiciones de planificación más recientes.

Habrà disponibilidad de copias del Anteproyecto del TIP 2015, el cual incluye el análisis de límites financieros y el anteproyecto del Análisis de conformidad del transporte con la calidad del aire, para su revisión pública a partir del 26 de junio de 2014 en la Biblioteca de MTC, y en las bibliotecas públicas más importantes de cada uno de los nueve condados del Área de la Bahía. Los documentos se publicarán en el sitio web de MTC en <http://www.mtc.ca.gov/> y en <http://www.mtc.ca.gov/funding/tip/index.htm>.

Se tiene programada una audiencia para recibir testimonio público sobre estos documentos durante la reunión de julio del Comité de Programación y Asignaciones de la MTC. La audiencia está programada para el:

Miércoles, 9 de julio de 2014 a las 9:40 a.m., o inmediatamente después de la reunión del Comité Administrativo de MTC, lo que ocurra al último.

101 Eighth St., Oakland, California

Se pueden enviar comentarios por escrito a la Oficina de Información al Público de MTC, a la dirección 101 Eighth St., Oakland, CA 94607 o se pueden enviar por fax a MTC al 510-817-5848 o por correo electrónico a <info@mtc.ca.gov>. Los comentarios escritos deben recibirse antes de las 5 p.m. del jueves, 31 de julio de 2014. Para obtener más información, llame a la Oficina de Información al Público de MTC al 510/817-5757. Este aviso también sirve para satisfacer los requisitos de participación pública del programa anual de proyectos de la Administración Federal de Transporte (FTA).

En su reunión ordinaria de septiembre el Comité de Programación y Asignaciones, MTC considerará los comentarios públicos recibidos al final del período de comentarios. MTC tiene programado aprobar el análisis final de conformidad del transporte con la calidad del aire y el TIP 2015 para el miércoles, 24 de septiembre de 2014, durante su reunión ordinaria de la Comisión.

¿Necesita los materiales escritos con letra más grande o en Braille para participar en las reuniones de MTC o de BATA? ¿Necesita un intérprete del lenguaje de señas u otro tipo de ayuda? ¿El inglés es su segundo idioma? ¿Necesita una traducción de nuestros documentos? ¿Necesita que esté presente un intérprete que hable su idioma en alguna de nuestras reuniones?

¡Podemos ayudar! Puede solicitar asistencia llamando al 510-817-5757 o al 510-817-5769 para TDD/TTY. Visite www.mtc.ca.gov para obtener más información. Requerimos de un aviso con al menos tres días de anticipación para proporcionar asistencia razonable. De ser posible, preferimos que nos avise con más tiempo de anticipación. Haremos todo lo posible por hacer los arreglos tan pronto como sea posible.

###

**大都會交通運輸委員會
公開聽證會通知**

大都會交通運輸委員會(MTC)邀請感興趣的人士對下述交通方案草案文件進行評論:

1) 2015交通運輸改善方案(TIP)草案

這是區域內的交通方案文件, 包括且不局限於下列地面交通: 公共交通, 高速公路, 當地道路, 自行車和行人項目, 這些項目在未來四年預計有聯邦, 州或當地撥款, 受聯邦行動要求並且有區域重要意義。

TIP 每年都會受財政制約, 每四年必須更新一次。

2) 針對2015TIP 草案和規劃的交通- 空氣質量整合分析草案

MTC 也在為規劃和2015TIP 草案準備交通-

空氣質量整合分析。2015TIP 草案只包括了那些與規劃灣區一致的項目。

2015年TIP 草案的副本, 包括財政限制分析和交通-

空氣質量整合分析草案, 將在2014年6月26日MTC圖書館面向公眾, 它也會出現在灣區九個縣的其他大型公共圖書館。您可以上網瀏覽該文件<http://www.mtc.ca.gov/> 和

<http://www.mtc.ca.gov/funding/tip/index.htm>。

在MTC七月的方案和分配委員會會議過程中, 將舉行公開聽證會, 接受公眾對這些文件的見證。聽證會定於:

2014年7月9日星期三9:40 a.m., 或者在

MTC 行政委員會會議之後, 按兩者中較晚發生為準

101 Eighth St., Oakland, California

您可以將書面評論遞交至 101 Eighth St., Oakland, CA 94607 的 MTC

公共信息辦公室, 或者通過傳真方式 510-817-5848 及郵件方式 info@mtc.ca.gov。

書面評論遞交截止日期為 2014 年7月31日星期四。您可以撥打 MTC 公共信息辦公室的電話 510/817-5757 獲取更多信息。該通知同時還滿足了聯邦公共交通管理 (FTA) 年度項目方案的公眾參與要求。

在九月份舉行的常規方案和分配委員會上, MTC 將會審核那些在評論截止之前提交上來的意見。MTC 預計將於 2014 年9月24日星期三批准通過最終交通- 空氣質量整合分析以及 2015TIP。

您在 MTC 或者 BATA

的會議中是否需要大號字體印刷材料或者盲文? 您是否需要手語翻譯或者其他協助? 英語是您的第二語言嗎? 您是否需要文件的翻譯? 您參加會議是否需要翻譯?

我們可以協助您! 您可以通過撥打 510-817-5757 或者 510-817-5769 TDD/TTY

來尋求幫助。請瀏覽 www.mtc.ca.gov

查閱更多信息。為了給您提供合適的安排, 我們需要提前三天通知。我們希望您能更早的通知。我們會盡一切可能為您提供及時的幫助。

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APPENDIX A – 58

2015 TIP Detail

Response to Public Comments on
Draft 2015 TIP



Response to written public comments and to
comments on the Draft 2015 TIP made at the
July 9, 2014 public hearing will be included in
Appendix A-58 in the
Final 2015 TIP

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APPENDIX A – 59

2015 TIP Detail

Single Line Project Listing Reports:

	<i>Page Number</i>
Single Line Project Listing by County	1
Single Line Project Funding Report – Funding by Phase	61
Single Line Project Funding Report – Funding by Funding Authority	86
Single Line Project Funding Report – Funding by Fiscal Year	111



Metropolitan Transportation Commission

TIP Project Listing by County

2015 TIP: FY14/15 through FY17/18

(All funding shown in \$1,000s)

Report sorted by: County, Sponsor, System, Purpose, TIP ID

County	Sponsor	System	Project Title	Description	Purpose	TIP ID	Ver	Current 4-Year TIP Funding	Total Funding
ALA	AC Transit	Transit	AC Transit: East Bay Bus Rapid Transit	Alameda County: Along Telegraph/International/E 14th corridor from Oakland to San Leandro: Implement BRT including 34 stations, transit signal priority, level-boarding, shelters, off-board ticketing,	Expansion	ALA150004	1	\$71,998	\$177,986
ALA	AC Transit	Transit	AC Transit: Facilities Upgrade	AC Transit: Agency's facilities & equipment upgrades.	Maint/Rehab	ALA010034	19	\$0	\$44,020
ALA	AC Transit	Transit	AC Transit: State of Good Repair Program	AC Transit: The project is intended to bring AC Transit's revenue fleet up to a SGR by implementing new SGR process and software in order to reduce operating costs.	Maint/Rehab	ALA110008	5	\$0	\$7,403
ALA	AC Transit	Transit	AC Transit: Procure (23) 60' Articulated Buses	AC Transit: Purchase 23 replacement 60' articulated buses for use on local routes.	Maint/Rehab	ALA110091	5	\$0	\$18,754
ALA	AC Transit	Transit	AC Transit: Procure (38) 40-ft Urban Buses	AC Transit: Purchase 38 replacement 40' urban transit buses.	Maint/Rehab	ALA110092	4	\$0	\$17,815
ALA	AC Transit	Transit	AC Transit: Replace 16 40' Suburban Buses	Purchase 16 replacement 40' Suburban buses.	Maint/Rehab	ALA110093	7	\$0	\$7,937
ALA	AC Transit	Transit	AC Transit: Farebox Replacement	AC Transit: System-wide: Replace the existing bus farebox systems and their support equipment	Maint/Rehab	ALA110106	4	\$0	\$11,875
ALA	AC Transit	Transit	AC Transit: Bus Diesel Particulate Filters	AC Transit: 51 VanHool 30ft buses; install diesel particulate filters (DPF)	Maint/Rehab	ALA110116	3	\$0	\$1,590
ALA	AC Transit	Transit	AC Transit: Procure (28) 40-ft Urban Buses	AC Transit: Purchase (28) 40-ft buses to replace buses in existing fleet	Maint/Rehab	ALA110117	4	\$0	\$14,320
ALA	AC Transit	Transit	AC Transit: Procure (40) 40-ft Urban Buses	AC Transit: Purchase (40) 40-ft buses to replace buses in existing fleet	Maint/Rehab	ALA110118	4	\$0	\$20,459
ALA	AC Transit	Transit	AC Transit: Replace 27 40' Urban Buses	AC Transit: Purchase 27 40-foot replacement buses for use on local routes	Maint/Rehab	ALA110123	3	\$0	\$13,037
ALA	AC Transit	Transit	AC Transit: Replace 38 40' Suburban Buses	AC Transit: Procure 38 replacement 40-foot suburban buses	Maint/Rehab	ALA110124	3	\$0	\$19,400
ALA	AC Transit	Transit	AC Transit: Procure (27) 60' Artic Hybrid Buses	AC Transit: Purchase 27 60-foot diesel-electric hybrid articulated buses with dual-side doors for BRT service to replace older 60-foot articulated buses	Maint/Rehab	ALA130002	5	\$0	\$27,582
ALA	AC Transit	Transit	AC Transit: Paratransit Van Replacement	AC Transit: Amortized cost of replacing vans used for AC Transit paratransit service. Vans are operated and replaced by paratransit contractor. FTA funds programmed annually in lieu of programming for	Maint/Rehab	ALA990052	19	\$0	\$16,671
ALA	AC Transit	Transit	AC Transit: Preventive Maintenance Program	AC Transit: Preventive maintenance for agency fleet and related equipment.	Maint/Rehab	ALA991070	29	\$0	\$392,438
ALA	AC Transit	Transit	AC Transit: ADA Paratransit Assistance	AC Transit: ADA Paratransit Operating Subsidy.	Operations	ALA990076	25	\$0	\$103,138
ALA	AC Transit	Transit	AC Transit: Transit Security Projects	AC Transit: District facilities and Buses; Install cameras on District's buses and at District's facilities, including the passenger transfer stations, also fund design and fabrication of a mobile emergency-	SystMgmt	ALA050064	12	\$6,445	\$34,395
ALA	AC Transit	Transit	AC Transit: Zero Emission Bus Advanced Demo	AC Transit: Zero Emission Bus Advanced Demonstration project, including purchase of 12 new ZEBs, and associated fueling, maintenance facilities, testing/monitoring of buses, solar panels, stationary fuel	SystMgmt	ALA070046	13	\$0	\$61,843
ALA	AC Transit	Transit	AC Transit: Line 51 Corridor	Alameda County: Lines 51A and 51B along the Santa Clara, Broadway, College and University Corridor: Provide key investments in capital infrastructure needed to provide travel time savings	SystMgmt	ALA110100	4	\$0	\$10,516
ALA	AC Transit	Transit	AC Transit: San Leandro BART Imprv	San Leandro: At San Leandro BART Station: Make bus, pedestrian, and bicycle access improvements in preparation for the implementation of the East Bay Bus Rapid Transit. This is a project is related to	SystMgmt	ALA110105	3	\$0	\$3,929

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ALA	AC Transit	Transit	AC Transit: Spectrum Ridership Growth	AC Transit: Encourage new riders among East Bay residents, employees, and visitors, as well as increased ridership among current riders. The principal three areas of focus will be Passenger Info Systems.	SystMgmt	ALA110119	5	\$0	\$2,036
ALA	ACE	Transit	ACE Track Improvements.	ACE: From Stockton to San Jose: Corridor improvements for signaling, grade crossing, track and other cost associated	Maint/Rehab	ALA010056	18	\$0	\$15,162
ALA	ACE	Transit	ACE Signal System Rehabilitation	ACE: Rehabilitate the existing Signal System between Niles Junction and Lathrop on the UPRR alignment.	Maint/Rehab	ALA050043	8	\$0	\$4,579
ALA	ACE	Transit	ACE: Rebuild Diesel Locomotives	ACE: 3 of our locomotives: complete an overhaul of the prime mover, replace head-end power generator-sets, perform body work, and repaint	Maint/Rehab	ALA090060	9	\$0	\$954
ALA	ACE	Transit	ACE Preventative Maintenance	ACE Rail - Preventative maintenance activities for ACE service and associated equipment, functions, and facilities.	Maint/Rehab	ALA110099	5	\$0	\$3,202
ALA	ACTC	Local Road	Alameda County SR2S Local	In Alameda County: Countywide SR2S Program; Implement Capital Projects and Technical Assistance for future Capital Projects	Expansion	ALA110098	3	\$0	\$1,300
ALA	ACTC	Local Road	Bikemobile: Bike Repair and Encouragement Vehicle	Alameda County: Mobile truck promoting walking/biking to school including outreach and education activities.	SystMgmt	ALA110009	5	\$0	\$576
ALA	ACTC	Local Road	Alameda County Safe Routes to School	Alameda County: Countywide SR2S Program including education & outreach in various K-12 schools, ridesharing, & project development.	SystMgmt	ALA110033	8	\$0	\$8,631
ALA	ACTC	Local Road	Local PDA Planning - Alameda	Alameda County Various Agencies: Planning assistance pass through to local jurisdictions to support transportation investments and improve their performance in Priority Development Areas (PDAs)	SystMgmt	ALA110122	6	\$0	\$4,411
ALA	ACTC	State Highway	I-580 (TrnValley) Right of Way Preservation	I-580 Corridor (TrnValley): Preserve ROW along I-580 from Hacienda to Greenville for future transit in the median.	Expansion	ALA050006	10	\$0	\$9,700
ALA	ACTC	State Highway	SR 84 Expressway Widening	In Livermore: Widen Route 84 from Jack London Blvd. to Pigeon Pass.	Expansion	ALA050014	11	\$60,809	\$110,319
ALA	ACTC	State Highway	I-880 North Safety Improvements	Oakland: I-880 between 23rd Ave to 29th Ave; Reconfigure Interchange, including new ramps.	Expansion	ALA050019	17	\$0	\$101,969
ALA	ACTC	State Highway	I-580 (TrnValley) Corridor - WB HOV & Connectors	I-580 (TrnValley) Corridor: WB HOV lane on I580 from east of Greenville Rd to Foothill Rd. HOV direct connectors from WB I580 to SB I680 and NB I680 to EB I580, WB Aux Lanes between Alway Blvd and	Expansion	ALA070018	14	\$0	\$136,819
ALA	ACTC	State Highway	I-580 (TrnValley) Corridor - EB HOV Lanes	I-580 (TrnValley) Corridor: From east of Greenville Road to Hacienda Dr.; Construct Eastbound HOV lanes (includes auxiliary lanes). Sub-project of TIP ID ALA050006.	Expansion	ALA070020	19	\$0	\$179,290
ALA	ACTC	State Highway	I-880 SB HOV Lanes - Marina Blvd to Hegenberger	I-880 Corridor: From Marina Blvd in San Leandro to Hegenberger in Oakland; Construct new SB HOV lanes and reconstruction of interchanges at Marina Blvd and Davis St. and soundwall construction.	Expansion	ALA070042	13	\$905	\$116,579
ALA	ACTC	State Highway	I-580 WB Auxiliary Lane, First to Isabel	I-580 (TrnValley) Corridor: westbound auxiliary lanes between First Ave and Isabel Ave along I-580 in the Tri-Valley. This project is a sub-project of, and is being implemented with, TIP ID ALA070018.	Expansion	ALA090025	4	\$0	\$1,000
ALA	ACTC	State Highway	I-880/Industrial Parkway West Interchange	At I-880/Industrial Parkway West, reconstruct interchange, add on/off-ramp lanes, widen ramp lanes, provide HOV bypass lanes and routine accommodation for bicyclists and pedestrians.	Expansion	ALA110002	3	\$3,000	\$41,000
ALA	ACTC	State Highway	I-680 NB HOV/HOT Lane	Route I-680: from State Route 237 in Santa Clara County to State Route 84 in Alameda County, construct NB HOV/HOT Lane.	Expansion	ALA130034	2	\$11,000	\$205,000

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ALA	ACTC	State Highway	Route 84 widening, Pigeon Pass to I-680	In Contra Costa County: On SR-4 from Pigeon Pass to I-680 (PM 17.9/21.0); Widen roadway from 2 lanes to 4 lanes	Expansion	ALA150001	1	\$0	\$80,000
ALA	ACTC	State Highway	East-West Connector in Fremont & Union City	In Fremont & Union City: From I-880 to Route 238; Construct new 4-lane roadway and widen existing roadways. Project is phased	Expansion	ALA978004	13	\$2,300	\$103,171
ALA	ACTC	State Highway	I-80 Integrated Corridor Mobility Project	Contra Costa and Alameda Counties: Along the I-80 corridor from Carquinez Bridge to San Francisco-Oakland Bay Bridge Toll Plaza; create an integrated ITS arterial network.	SystMgmt	ALA070041	10	\$0	\$92,855
ALA	ACTC	State Highway	I-580 WB HOT Corridor Project	I-580 Westbound: Convert the HOV lanes to HOT Lanes. Convert the I-580 westbound HOV lane to an express lane from Greenville Road to San Ramon Road/Foothill Road. Project references RTP IDs 21116	SystMgmt	ALA090004	7	\$0	\$23,393
ALA	ACTC	State Highway	Truck Parking Facilities in North County (Phase I)	Alameda County: Provide safe parking facilities in north part of Alameda County.	SystMgmt	ALA090018	5	\$1,000	\$2,000
ALA	ACTC	State Highway	Corridor Mobility Program & Adaptive Ramp Metering	Central Alameda County: I-880/I-238/I-580. Install monitoring and signalization I-880, I-238 and I-580.	SystMgmt	ALA090019	5	\$7,429	\$47,000
ALA	ACTC	State Highway	I-580 Landscaping in the City of San Leandro	Along I-580 in the City of San Leandro from PM 33.5 to PM 34.6 between Estudillo Avenue and 141st Street. Landscaping and Irrigation work.	SystMgmt	ALA090067	8	\$0	\$350
ALA	ACTC	State Highway	I-580 Oakland 14th to Ardley Noise Barriers	Oakland: I-580 Eastbound between west of 14th Avenue to Ardley avenue - Construct noise barriers on route between PM 41.7 to PM 42.2	SystMgmt	ALA110004	4	\$0	\$1,600
ALA	ACTC	State Highway	I-580 Eastbound Express/HOT Lanes	Alameda County: I-580 (Tri-valley) Corridor: From East of Greenville Rd to Hacienda Drive: Convert EB HOV Lanes to HOT Lanes (a two-lane Express Lane facility). This project references RTP IDs 21116 and	SystMgmt	ALA130031	2	\$2,000	\$31,579
ALA	ACTC	Transit	ALA-Community-Based Transportation Plan Updates	Alameda County: Countywide: For the five community-based transportation plans, review, update and integrate with completed countywide plans and develop an integrated, more comprehensive	SystMgmt	ALA110107	3	\$0	\$594
ALA	ACTC/Oak/Ala	State Highway	I-880/Broadway-Jackson Interchange	Oakland: Between Oak Street and Union Street; Reconfigure interchange and intersections to improve connections between I-880, the Posey and Webster tubes and the downtown Oakland area.	SystMgmt	ALA070009	7	\$5,600	\$114,100
ALA	Alameda	Local Road	Alameda City Complete Streets	City of Alameda: Various Locations: Rehabilitate pavement and make minor improvements to stormwater, bike/ped, and transit facilities	Maint/Rehab	ALA130022	2	\$659	\$829
ALA	Alameda	Local Road	City of Alameda - Park St Streetscape	In the City of Alameda: Streetscape improvements including utility work, installation of vintage lighting, street trees, sidewalks, and pedestrian appurtenances, bulb-outs and pedestrian warning lights.	SystMgmt	ALA070022	12	\$0	\$2,495
ALA	Alameda	Local Road	Shoreline Dr, Westline Dr and Broadway Bike Lanes	Alameda: Shoreline Dr-Westline Dr to Broadway; Westline Dr-Otis Dr to Shoreline Dr; Broadway-Shoreline Dr to Bayview Dr. Reduce travel lanes from 4 to 2; Install a cycle track, parking, bike racks,	SystMgmt	ALA110085	3	\$0	\$963
ALA	Alameda County	Local Road	Alameda: Vasco Road Safety Improvements	Livermore: On Vasco Road from Livermore to CC County line; Realign roadway, provide standard shoulder widths, install median barriers and add truck-climbing lanes. (Total length of truck lanes is 9	Expansion	ALA030002	20	\$2,294	\$49,152
ALA	Alameda County	Local Road	Estuary Bridges Seismic Retrofit and Repairs	Oakland: Seismic retrofit and repairs of 3 Oakland Estuary bridges	Maint/Rehab	ALA090022	4	\$3,700	\$4,400
ALA	Alameda County	Local Road	Fruitvale Ave Roadway Bridge Retrofit	Alameda County: Retrofit Fruitvale Roadway Bridge a lifeline facility	Maint/Rehab	ALA090023	4	\$1,000	\$2,000

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ALA	Alameda County	Local Road	Alameda County: Rural Roads Pavement Rehab	Alameda County: Pavement Rehabilitation of various roadways in unincorporated areas.	Maint/Rehab	ALA090069	4	\$0	\$2,412
ALA	Alameda County	Local Road	Alameda Co - Central Unincorporated Pavement Rehab	Alameda County: Various Streets: Pavement Rehabilitation Program	Maint/Rehab	ALA110026	3	\$0	\$1,279
ALA	Alameda County	Local Road	Alameda Co-Variety Streets and Roads Preservation	Unincorporated Alameda County: Various roadways including Grove Way, Lake Chabot Rd, A St, Vasco Rd, and Liberty St. Rehabilitate pavement	Maint/Rehab	ALA130018	2	\$1,768	\$1,881
ALA	Alameda County	Local Road	Crow Canyon Safety Improvements	Alameda County: On Crow Canyon Road: from I-580 north to the Alameda/Contra Costa County line; Safety improvements, shoulder widening and curve realignment.	SystMgmt	ALA010003	10	\$1,550	\$2,500
ALA	Alameda County	Local Road	Cherryland/Ashland/Castro Valley/Fairview Sidewalk	Cherryland, Ashland, Castro Valley, Fairview, San Lorenzo and other Unincorporated Areas of Alameda County. Sidewalk improvements in the vicinity of Schools within unincorporated Alameda County area.	SystMgmt	ALA050035	22	\$400	\$6,321
ALA	Alameda County	Local Road	Niles Canyon Rd (SR 84)/Pleasanton-Sunol Rd Inter. Imps	In Sunol Area: At Niles Canyon Rd (SR 84), Pleasanton Sunol Rd and Paloma Rd intersection: intersection improvements at the four corners including installation of a traffic signal, shoulder improvements	SystMgmt	ALA150002	1	\$2,500	\$2,500
ALA	Alameda County	Local Road	E. 14th St/Mission Blvd Streetscape	Alameda County: On East 14th St/Mission Blvd between Thrush St and Rufus Court; Construct "bulb-outs" in conjunction with larger streetscape improvement in redevelopment area. HPP #308	SystMgmt	ALA991077	14	\$2,000	\$5,696
ALA	Albany	Local Road	Albany - Buchanan Bicycle and Pedestrian Path	In Albany: On Marin Ave./Buchanan St. between San Pablo Ave. and Buchanan bridge overcrossing. Construct a bike/Ped path, install a bike/ped signal, and related improvements at several locations within	Expansion	ALA110030	3	\$0	\$2,544
ALA	BART	Transit	BART - Warm Springs Extension	Fremont: Fremont BART station to Warm Springs; Extend BART service to the Southern end of Alameda County including provisions for a future, new station at Irvington. Project also references RTP ID	Expansion	ALA050015	9	\$69,000	\$890,000
ALA	BART	Transit	Hayward Shop and Yard Expansion	Expansion of the Hayward Shop and Yard to accommodate additional rail vehicles for storage, maintenance and repair.	Expansion	ALA110003	4	\$0	\$122,000
ALA	BART	Transit	BART to Livermore Extension - Develop EIR	BART - Develop Draft Environmental Impact Report (DEIR) for the BART to Livermore Extension Project (Proposed Project).	Expansion	ALA130007	2	\$0	\$14,799
ALA	BART	Transit	BART Metro Priority Track Elements	BART: In Lafayette, Dublin and Millbrae: Provide three critical track extensions in order to provide the BART system with additional operational flexibility and additional capacity, all within existing right- of-way.	Expansion	ALA130032	3	\$8,460	\$8,500
ALA	BART	Transit	BART Oakland Airport Connector	The Oakland Airport Connector Project will provide a 3.2 mile Automated Guideway Technology (AGT) system to link the BART Coliseum station to the Oakland International Airport on exclusive right-of-way.	Expansion	BRT990002	22	\$0	\$484,000
ALA	BART	Transit	BART: Fare Collection Equipment	BART: Systemwide: Acquire and install fare collection equipment.	Maint/Rehab	ALA090065	7	\$0	\$18,345
ALA	BART	Transit	MacArthur BART Plaza Remodel	Oakland: MacArthur BART Station: Renovate the entry plaza	Maint/Rehab	ALA090068	9	\$0	\$4,015
ALA	BART	Transit	Enterprise Asset Management	BART: Systemwide. Enhance the asset management business process and integration of business and operations across Finance, Operations and Maintenance to support ongoing, long-term asset	Maint/Rehab	ALA110090	4	\$0	\$2,500
ALA	BART	Transit	BART Train Car Accident Repair	BART: Two BART Cars: Repair of two BART cars that were damaged in an accident in March 2011.	Maint/Rehab	ALA110121	4	\$0	\$1,687
ALA	BART	Transit	BART Station Electronic Bike Lockers, Ph. 2	Alameda County: Five BART Stations: Purchase and install electronic bicycle lockers	SystMgmt	ALA070051	7	\$0	\$543

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ALA	BART	Transit	Downtown Berkeley BART Plaza/Transit Area Imps.	In Berkeley: Area around Downtown Berkeley BART Station: Streetscape improvements; design/construction of custom bus shelter, canopy design for 5 secondary BART entries and construction of one;	SystMgmt	ALA110032	6	\$8,441	\$11,419
ALA	BART	Transit	Bicycle Lockers at Capitol Corridor Stations	Capitol Corridor Joint Powers Authority (CCJPA): at Capitol Corridor Stations: Establish a bicycle storage standard for design(s), function, and procurement for secure bicycle storage	SystMgmt	ALA110115	5	\$0	\$581
ALA	Berkeley	Local Road	Berkeley Bay Trail Extension - Segment One	In Berkeley: On University Ave between West Frontage Road and Marina Blvd, construct a class 1 bike path and a bike / pedestrian bridge over Strawberry Creek, and add a Water Trail Access Point at Hs	Expansion	ALA090062	7	\$0	\$2,581
ALA	Berkeley	Local Road	City of Berkeley Transportation Action Plan - TDM	Berkeley: Implement parking pricing pilot and enforcement programs in Southside, Elmwood and Downtown commercial districts. Implement TDM strategies and outreach focused on small businesses and	SystMgmt	ALA110007	4	\$0	\$2,260
ALA	Berkeley	Local Road	Shattuck Complete Streets and Decouplet	Berkeley: Shattuck Ave, Shattuck Square and Berkeley Square from Allston Way to University Ave intersection: Reconfigure travel lanes and parking, repair pavement and make other improvements	SystMgmt	ALA130026	2	\$3,152	\$3,762
ALA	Berkeley	Local Road	Hearst Avenue Complete Streets	In Berkeley: Hearst St from Shattuck Ave to Gayley/La Loma: Implement access and safety improvements to Downtown Berkeley PDA for all modes, includes a road diet from Shattuck Ave to Euclid Ave	SystMgmt	ALA130028	3	\$2,866	\$3,411
ALA	Berkeley	Public Lands/Trails	Bay Trail Shoreline Access Staging Area Project	City of Berkeley: Berkeley Marina, construct segment 3 of Bay Trail Extension, construct new public restroom, and renovate existing public parking area and windsurf staging area.	Expansion	ALA130035	2	\$2,140	\$2,140
ALA	Berkeley	State Highway	I-80 Gilman Interchange Reconfiguration	Berkeley: On Gilman Avenue at I-80: Reconfigure interchange providing dual roundabout at the entrance & exits from I-80 as well as the Eastshore Highway and West Frontage Road.	Expansion	ALA050079	10	\$0	\$6,959
ALA	Caltrans	State Highway	I-238 Widening Replacement Planting	In and near San Leandro: On Route 238 from Route 580 to Route 880: Landscape replacement planting	Expansion	ALA070060	9	\$0	\$4,059
ALA	Caltrans	State Highway	I-580 N. Flynn-Greenville EB Truck Climbing Lane	In Livermore, Alameda County: On Route 580 in the City of Livermore from North Flynn Rd to Greenville Rd. Construct a truck-climbing lane in the eastbound direction.	Expansion	ALA090028	6	\$0	\$77,400
ALA	Caltrans	State Highway	I-880/SR 262 I/C and HOV lanes	I880 corridor: I-880 btw Santa Clara Co. line & Alvarado-Niles; Construct 2 HOV lanes, reconstruct I-880/Warren Ave/SR 262 I/C	Expansion	ALA978027	26	\$0	\$131,304
ALA	Caltrans	State Highway	I-680 Sunol Grade Southbound HOV Lanes - SCL Final	Sunol Grade: From Rte. 84 in ALA to Rte. 237 in SCL; Final project phase construction of HOV lane, shoulders and other project clean up. Santa Clara portion. More funding in ALA991083, ALA991084 and	Expansion	SCL991077	11	\$0	\$8,308
ALA	Caltrans	State Highway	Reconst I-880/SR92 Inter - Repl Planting & Irrigat	In Hayward: At I-880/SR92 Interchange: Install landscaping and irrigation	Maint/Rehab	ALA130029	2	\$1,260	\$1,260
ALA	Caltrans	Transit	Environmental Study for ACE Alignment	Altamont Commuter Express (ACE): Along the alignment between the Bay Area and the Central Valley; Conduct an environmental study for a high speed rail corridor	Expansion	ALA110086	3	\$0	\$300
ALA	Dublin	Local Road	Alamo Canal Regional Trail, I-580 Undercrossing	In Dublin and Pleasanton: This project will construct a segment of the Alamo Canal Trail underneath Interstate 580 to close a gap between the section of the Alamo Canal Trail located in Dublin and	Expansion	ALA090066	7	\$0	\$2,651
ALA	Dublin	Local Road	West Dublin BART Golden Gate Drive Streetscape	In Dublin: Golden Gate Drive from Dublin Blvd to the West Dublin BART Station. Bicycle, pedestrian, and landscape enhancements.	Expansion	ALA110034	4	\$0	\$1,886

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ALA	Dublin	Local Road	Dougherty Road widening	Project is located in Dublin. It will widen the existing Dougherty Road from Sierra Lane to North City Limit from 4 lanes to 6 lanes to address congestion and delays.	Expansion	ALA130005	2	\$15,600	\$18,860
ALA	Dublin	Local Road	Dublin Boulevard widening	In Dublin: Dublin Blvd between Sierra Court and Dublin Court: Widen from 4 lanes to 6 lanes.	Expansion	ALA130006	2	\$0	\$4,200
ALA	Dublin	Local Road	Dublin Blvd - North Canyons Pkwy Ext. Study	Dublin: In the vicinity of the Dublin Boulevard-North Canyons Parkway extension project: Conduct a feasibility analysis to evaluate the needs and benefits of an integrated multimodal transportation system	Expansion	ALA150003	1	\$350	\$350
ALA	Dublin	Local Road	Dublin Citywide Street Resurfacing	In Dublin: Silvergate Dr between San Ramon Rd and Dublin Blvd, Clark Ave between Village Parkway and Maple Dr, and Tassajara Rd between North City limits and Shadow Hill Dr.	Maint/Rehab	ALA110024	3	\$0	\$672
ALA	Dublin	Local Road	Dublin Boulevard Preservation	In Dublin: Dublin Boulevard between San Ramon Road and Village Parkway, Dublin Boulevard between San Ramon Road and Village Parkway: Pavement preservation	Maint/Rehab	ALA130012	2	\$638	\$729
ALA	EB Reg Park Dis	Public Lands/Trails	East Bay Parks Green Transportation Initiative	Various parts of the Bay Trail: The Green Transportation Initiative completes components in the Alameda and Contra Costa counties' non-motorized transportation network. It will close five critical gaps in	Expansion	ALA110011	5	\$0	\$17,810
ALA	Emeryville	Local Road	Emeryville - Hollis Street Preservation	Emeryville: Hollis Street north of Powell Street, Hollis Street (63rd Street to Ocean Avenue), Hollis Street (65th Street to 66th Street), Hollis Street (66th Street to north of 67th Street [City Limits]): Rehabilitate	Maint/Rehab	ALA130021	2	\$701	\$712
ALA	Fremont	Local Road	Widen Kato Rd from Warren Avenue to Milmont Drive	In Fremont: Widen Kato Road from Warren Avenue to Milmont Drive, Widen Kato Road to four lanes and install bike lanes on both sides of the roadway and modify traffic signal at Kato Rd/Milmont Ave.	Expansion	ALA130001	2	\$2,250	\$12,690
ALA	Fremont	Local Road	Fremont City Center Multi-Modal Improvements	Fremont: Capital Ave from State St to Fremont Blvd: Construct roadway extension; Various locations around Fremont City Center and Fremont BART Station: Implement multi-modal improvements to	Expansion	ALA130025	2	\$2,161	\$14,342
ALA	Fremont	Local Road	Fremont Various Streets and Roads Preservation	Fremont: Various Roads: Rehabilitate Pavement	Maint/Rehab	ALA130020	2	\$0	\$3,912
ALA	Fremont	Local Road	Fremont CBD/Midtown Streetscape	Fremont: In the Fremont Central Business District/Midtown District bounded by Walnut Avenue, and California, Beacon and Liberty Streets: Streetscape enhancements. This is a phased project.	SystMgmt	ALA110012	6	\$0	\$2,101
ALA	Fremont	Local Road	Walnut Argonaut Lane Reduction & Roundabout	In the City of Fremont: On Walnut Avenue and Argonaut Way narrow the roadway from four lanes to two lanes. At the intersection of Walnut/Argonaut/Parkhurst Drive construct new roundabout.	SystMgmt	ALA110045	3	\$0	\$585
ALA	Hayward	Local Road	Route 238 Corridor Improvement	Hayward: On Foothill and Mission Boulevards (existing Route 238) from Industrial Parkway to Route 580; Construct Route 238 Corridor Improvement Project.	Expansion	ALA977007	11	\$0	\$100,500
ALA	Hayward	Local Road	Hayward - Industrial Boulevard Preservation	Hayward: Industrial Boulevard from Clawitter Road to 659 ft south of Depot Road: Pavement rehabilitation	Maint/Rehab	ALA130013	2	\$1,429	\$1,509
ALA	Hayward	Local Road	South Hayward BART Area/Dixon Street Streetscape	In Hayward: Both sides of Dixon St from Tennyson Rd to Valle Vista Ave. Streetscape, pedestrian safety and landscape improvements. The ROW phase including utility relocation is locally funded	SystMgmt	ALA110035	6	\$0	\$2,315
ALA	Hayward	State Highway	Rt 92/Clawitter/Whitesell Interchange Improvements	Hayward: Rt 92/Clawitter Rd. Upgrade existing Clawitter interchange. Add ramps and overcrossing for Whitesell St. extension. Signalize ramp intersections.	Expansion	ALA090016	4	\$1,900	\$55,000

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ALA	Hayward	State Highway	I-880 Auxiliary lanes at Industrial Parkway	Hayward: Construct auxiliary lanes on I-880, NB between Industrial Pkwy and Alameda Creek and SB between Industrial Pkwy and Whipple Rd	Expansion	ALA090020	6	\$3,760	\$9,800
ALA	Hayward	State Highway	I-880 NB and SB Auxiliary lanes	Hayward: NB and SB I-880 between West A and Winton, NB I-880 between A St and Paseo Grande.	Expansion	ALA090021	5	\$2,000	\$23,190
ALA	LAVTA	Transit	LAVTA: Preventive Maintenance	LAVTA: Preventive Maintenance Program for Agency Fleet	Maint/Rehab	ALA030030	16	\$0	\$11,692
ALA	LAVTA	Transit	LAVTA Rideo Bus Restoration	LAVTA: Rehabilitate a 1960 GMC-vintage historic coach that was one of the last buses operated by the City of Livermore's Rideo bus system	Maint/Rehab	ALA110005	4	\$0	\$200
ALA	LAVTA	Transit	LAVTA - East Bay Radio Communication System Hookup	LAVTA: Replace radio communication equipment to meet FTA narrow-banding mandate and join the East Bay Regional Communications System (EBRCS).	Maint/Rehab	ALA110095	3	\$0	\$640
ALA	LAVTA	Transit	LAVTA: ADA Paratransit Operating Subsidy	LAVTA: ADA Paratransit Operating Subsidy	Operations	ALA990077	19	\$0	\$5,279
ALA	Livermore	Local Road	Livermore Various Streets Preservation	Livermore: various streets: repair, rehabilitation, and preventative maintenance of pavement and bicycle/pedestrian facilities.	Maint/Rehab	ALA130010	2	\$0	\$1,366
ALA	Livermore	Local Road	Livermore TOD Study at I-580/SR84	In Livermore: Near I-580/SR84 I/C: Create a community based transit oriented development plan for local land uses and access improvements to complement a planned Phase 1 extension of the BART	SystMgmt	ALA110120	5	\$595	\$645
ALA	Livermore	Transit	Livermore Relocation and Restoration of R/R Depot	In Livermore: Relocation and rehabilitation of the Historic Depot building to a site adjacent to the UPRR tracks and the Downtown parking structure/LAVTA's Transit Center. No loss of existing transit hub	Maint/Rehab	ALA130011	3	\$3,125	\$3,125
ALA	MTC	Local Road	SFOBB Gateway Park	SFOBB Gateway Park in Alameda County, in Oakland at the Oakland Touchdown of the new East Span of the Bay Bridge	Expansion	ALA110104	4	\$11,000	\$16,500
ALA	MTC	Local Road	Improved Bike/Ped Access to East Span of SFOBB	In Oakland: In the vicinity of the San Francisco-Oakland Bay Bridge: Construct improved bicycle and pedestrian access	Expansion	ALA130030	3	\$35,500	\$36,500
ALA	MTC	Local Road	Regional Planning Activities and PPM - Alameda	Alameda: Regional Planning Activities and Planning, Programming and Monitoring (PPM)	SystMgmt	ALA090030	14	\$1,636	\$21,597
ALA	Newark	Local Road	Newark - Cedar Blvd and Jarvis Ave Pavement Rehab	In Newark: On Cedar Boulevard between Milani Avenue and Central Avenue and on Jarvis Avenue between the UPRR and Spruce Street. Pavement rehab.	Maint/Rehab	ALA110016	3	\$0	\$800
ALA	Newark	Local Road	Central Avenue Railroad Overpass at UPRR	Newark: On Central Avenue at the Union Pacific Railroad tracks; Construct grade separation. No new lanes. Project is phased	SystMgmt	ALA070052	11	\$13,000	\$19,081
ALA	Newark	Local Road	Enterprise Drive Complete Streets and Road Diet	Newark: Enterprise Drive between Filbert Street and approximately 350 feet west of Wells Avenue adjacent to the Dumbarton Transit Oriented Development plan area: Implement Road Diet and rehabilitate	SystMgmt	ALA130027	2	\$760	\$760
ALA	Oakland	Local Road	Oakland Waterfront Bay Trail	Oakland: From Jack London Square to 66th Avenue; Construct new segments of the Bay Trail.	Expansion	ALA070039	7	\$500	\$59,799
ALA	Oakland	Local Road	Oakland Bay Trail to Lake Merritt Bike/Ped Bridge	Oakland: Over Embarcadero and UPRR tracks between Estuary park and Lake Merritt: Construct ADA accessible bicycle pedestrian bridge to link Bay Trail to Lake Merritt.	Expansion	ALA130003	2	\$1,800	\$2,000
ALA	Oakland	Local Road	Oakland 19th Street Uptown Bike Station	Oakland: Adjacent to 19th St BART: construct a street level bicycle station. (Safe Routes to Transit RM2 project, RM2#20.43)	Expansion	ALA130004	2	\$0	\$606
ALA	Oakland	Local Road	42nd Ave. & High St. I-880 Access Improv.	Oakland: Widening and re-alignment of local streets in the vicinity of the I-880/42nd & High interchange. Includes modified traffic signals and intersection improvements.	Expansion	ALA991081	13	\$2,000	\$17,526
ALA	Oakland	Local Road	Various Streets Resurfacing and Bikeway Facilities	In Oakland. Various locations: Rehabilitate streets, install bikeway facilities, and upgrade curb ramps	Maint/Rehab	ALA110006	4	\$0	\$4,823

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ALA	Oakland	Local Road	Oakland Complete Streets	In Oakland: Various federal aid eligible streets: Resurfacing and preventive maintenance including installation of ADA-compliant curb ramps, and installation (or reinstallation) of bikeway facilities	Maint/Rehab	ALA130016	3	\$4,351	\$4,351
ALA	Oakland	Local Road	Lake Merritt Improvement Project	In Oakland: Adjacent to Lake Merritt: Reconfigure roadways and construct paths, walls, structures, lighting, parking and landscaping; no added capacity	SystMgmt	ALA110072	4	\$0	\$828
ALA	Oakland	Local Road	7th Street West Oakland Transit Village, Phase II	In Oakland: On 7th Street between Wood Street and Peralta Street. Project includes road diet, bicycle lanes, sidewalk enhancement, and pedestrian amenities.	SystMgmt	ALA130014	2	\$3,744	\$4,096
ALA	Oakland	Local Road	Lake Merritt BART Bikeways	Oakland: Various Streets near the Lake Merritt BART Station: Implement road diets, install high quality bikeways and curb ramps, and resurface the street	SystMgmt	ALA130015	4	\$2,484	\$2,789
ALA	Oakland	Local Road	Oakland - Peralta and MLK Blvd Streetscape Phase I	Oakland: Peralta St from 3rd St to 36th St and MLK Jr. Blvd. from West Grand to 40th St: Phase 1 components include bike lanes and racks, street lights, landscaping, new sidewalks and pedestrian	SystMgmt	ALA130017	2	\$6,159	\$6,639
ALA	Oakland	Local Road	Lakeside Complete Streets and Road Diet	Oakland: Along Harrison Street and Lakeside Drive between 19th Street and Grand Avenues, and on Grand between Harrison and Bellevue: implement road diet and install bike and pedestrian facilities	SystMgmt	ALA130024	3	\$12,740	\$13,705
ALA	Oakland	Port/Freight Rail	Oakland Army Base Infrastructure Improvements	In Oakland: the Oakland Army Base and the West Oakland Redevelopment Areas; Implementing Army Base Infrastructure Master Plan and completing West Oakland Specific Plan. Includes TCIF OHIT Impl. by	Expansion	ALA110046	3	\$12,700	\$215,280
ALA	Piedmont	Local Road	Piedmont Complete Streets (CS)	Piedmont: Highland Ave (Sierra to Mountain) and Moraga Ave (Pala to City Limits): Rehabilitate pavement and upgrade pedestrian, bicycle and transit facilities within the project boundaries	Maint/Rehab	ALA130019	2	\$533	\$560
ALA	Pleasanton	Local Road	Pleasanton - Foothill/I-580 IC Bike/Ped Facilities	In Pleasanton: Two segments of Foothill Road: install northbound and southbound bicycle lanes including realignment of two freeway ramps, installation of traffic signals, and roadway restriping.	Expansion	ALA110031	5	\$0	\$1,004
ALA	Pleasanton	Local Road	Pleasanton Complete Streets	Pleasanton: Valley Avenue from Bernal Ave to Hopyard Road and Hopyard Road from Black Avenue to Del Val Parkway: rehabilitate and resurface pavement and installing pedestrian improvements including	Maint/Rehab	ALA130009	2	\$1,015	\$1,070
ALA	Pleasanton	State Highway	I-680/Bernal Avenue interchange improvements	Pleasanton: I-680 /Bernal Avenue Interchange improvements. Phased project with reconfiguration of SB ramp, widening of NB ramp	Expansion	ALA090010	4	\$0	\$4,000
ALA	Pleasanton	State Highway	I-580 / Foothill Road interchange improvements	Pleasanton: I-580/ Foothill Road. Reconfiguration of EB ramps including bike/pedestrian-related improvements	Expansion	ALA090013	4	\$0	\$3,750
ALA	Port of Oakland	Local Road	7th Street Grade Separation and Roadway Improvemen	In Oakland: the 7th Street Grade Separation will separate truck traffic on 7th St from rail movements between expanded rail facilities at the Port and the rail mainline north of 7th St and existing rail facilities	Expansion	ALA090027	5	\$2,000	\$220,504
ALA	Port of Oakland	Port/Freight Rail	California Inter-regional Rail Intermodal Study	Port of Oakland: Study to determine the feasibility freight rail shuttle system between the Port and inland points in the Central Valley.	Expansion	ALA070054	7	\$0	\$984
ALA	Port of Oakland	Port/Freight Rail	Outer Harbor Intermodal Terminals (OHIT)	In Oakland: OHIT, a proposed intermodal rail complex, will be located on the former Oakland Army Base and adjacent land. This listing only includes segments implemented by the Port of Oakland. For City	Expansion	ALA090026	5	\$2,000	\$106,000

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ALA	Port of Oakland	Port/Freight Rail	Shore Power Initiative	Port of Oakland: Equip two international berths with shore power infrastructure, which is electrical infrastructure that enables a ship at dock (at-berth) to plug into the electrical grid. This allows the vessel	SystMgmt	ALA110010	4	\$0	\$13,243
ALA	San Leandro	Local Road	SR 185- E. 14th St/Hesperian Blvd/150th Ave	San Leandro: 150th/E. 14th/Hesperian; construct NB left turn Ln from Hesperian to E. 14th, EB left turn Ln from E. 14th to 150th Av & SB Ln from Hesperian to 150th and other traffic circulation	Expansion	ALA050002	7	\$0	\$3,400
ALA	San Leandro	Local Road	San Leandro Boulevard Preservation	San Leandro: San Leandro Blvd from Williams St to Hudson Ln; Pavement Preservation	Maint/Rehab	ALA130008	3	\$1,476	\$1,547
ALA	San Leandro	Local Road	San Leandro Downtown-BART Pedestrian Interface	In San Leandro: Construct San Leandro BI Streetscape from Williams St. to Davis St. including lane reduction, ped crossings, wayfinding, traffic signals, street lights and construct bike racks, ped crossings.	SystMgmt	ALA110027	3	\$0	\$6,214
ALA	San Leandro	State Highway	I-880/SR 112 Overcrossing Replacement	San Leandro: at the I-880/SR 112 (Davis St.); Replace overcrossing and widening roadway including interchange landscaping and bridge architectural features.	Expansion	ALA070014	10	\$0	\$5,589
ALA	San Leandro	State Highway	I-880/Marina Blvd Interchange and Overcrossing Rep	San Leandro: I-880/Marina Blvd. Replace overcrossing and widening roadway plus ramp interchange reconfiguration, intersection improvements including interchange landscaping and bridge architectural	Expansion	ALA090012	5	\$2,000	\$25,900
ALA	Union C Transit	Transit	Union City Transit: Replace Two 35' Buses	Union City Transit: Replace two 35' Transit Buses with CNG low-floor buses.	Maint/Rehab	ALA090031	6	\$0	\$22
ALA	Union C Transit	Transit	Union City: Replacement of Four (4) Transit Buses	Union City Transit is replacing vehicles that have reached the end of their useful life.	Maint/Rehab	ALA090061	4	\$0	\$2,074
ALA	Union C Transit	Transit	Union City: Replacement of Two (2) Transit Buses	Union City Transit: Replace two (2) compressed natural gas (CNG) buses	Maint/Rehab	ALA110114	3	\$0	\$1,191
ALA	Union C Transit	Transit	Union City: Replacement of Two (2) Transit Buses	Union City Transit: Replace two (2) compressed natural gas (CNG) buses	Maint/Rehab	ALA130033	2	\$0	\$736
ALA	Union City	Local Road	Union City Blvd Corridor Bicycle Imp. Phase 1	Union City: Union City Boulevard from Smith Street to 600-foot south of Alvarado Boulevard: widen existing pavement for both northbound and southbound directions. This will allow the installation of a	Expansion	ALA110028	3	\$0	\$1,860
ALA	Union City	Local Road	Whipple Road Pavement Rehabilitation	Union City: Whipple Rd from Ithaca St to Amara St: Rehabilitate pavement including pavement hump at railroad tracks, add bike lanes where pavement widths are sufficient and add a concrete bus pad	Maint/Rehab	ALA130023	2	\$736	\$761
ALA	Union City	Transit	Union City Intermodal Station Infrastructure	Union City: Expand Union City BART Station to Complete Pedestrian Connection and Rail Station	Expansion	ALA090015	6	\$0	\$23,020
ALA	Union City	Transit	Union City Intermodal Station Infrastructure	Union City: Expand Union City BART Station to Complete Pedestrian Connection and Rail Station	Expansion	ALA090015	28	\$0	\$61,276
ALA	Union City	Transit	Union City BART East Plaza Enhancements	In Union City: Union City Intermodal Station: Construction of the East Plaza and loop road within the emerging transit-oriented Station District adjacent to the Union City Intermodal Station.	SystMgmt	ALA110036	3	\$0	\$9,520
ALA	WETA	Transit	Central Bay Operations and Maintenance Facility	WETA: Construct a central bay operations and maintenance facility.	Expansion	ALA110001	8	\$0	\$38,175
Totals for Alameda County								\$436,219	\$5,588,225

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CC	AC Transit	Transit	AC Transit: Richmond Prkwy Transit Center	Richmond: Adjacent to I-80 at the Richmond Parkway Transit Center; Provide up to 800 parking spaces, improve transit facilities and improve bicycle/ped. access. (OLD TIP ID - CC-010028).	Expansion	CC-030001	13	\$0	\$18,800
CC	Antioch	Local Road	Antioch - Wilbur Ave Bridge Widening	HBP: Antioch: BRIDGE No. 28C0054, On Wilbur Ave., over BNSF, Amtrak, and UP RR, 0.25 Miles east of Minaker Drive; Widen from 2 to 4 lanes, rehabilitate bridge & upgrade bridge railings.	Expansion	CC-050002	15	\$0	\$15,220
CC	Antioch	Local Road	Somersville Road Widening	Antioch: On Somersville Road between James Donlon Blvd and COWD canal south of Buchanan Rd; Widen divided roadway.	Expansion	CC-070004	6	\$0	\$10,700
CC	Antioch	Local Road	Hillcrest Ave Extension	Antioch: On Hillcrest Avenue between Prewett Ranch Rd and San Creek Road; Construct new 4 lane divided extension.	Expansion	CC-070005	5	\$300	\$2,350
CC	Antioch	Local Road	Sand Creek Road Extension	Antioch: On Sand Creek Road between Hillcrest and Deer Valley Road; Construct new 2 lane extension.	Expansion	CC-070006	5	\$300	\$2,350
CC	Antioch	Local Road	Antioch - Empire Road Widening	Antioch: On Empire Avenue between Lone Tree Way and UPRR/Antioch City limits; Widen from 2 to 4 lanes.	Expansion	CC-070007	5	\$1,200	\$1,500
CC	Antioch	Local Road	Laurel Road Extension	Antioch: On Laurel Road between Hillcrest and SR4 Bypass; Construct new 4 lane divided extension.	Expansion	CC-070008	6	\$50	\$5,950
CC	Antioch	Local Road	Slatten Ranch Road Extension - Lone Tree to Laurel	Antioch: On Slatten Ranch Road between Lone Tree Way and Laurel Road; Construct new 4 lane road.	Expansion	CC-070009	5	\$1,000	\$1,350
CC	Antioch	Local Road	Antioch - Wild Horse Road Extension	Antioch: On Wild Horse Road between Hillcrest and SR4 Bypass; Construct new 2 lane arterial.	Expansion	CC-070010	5	\$2,000	\$2,205
CC	Antioch	Local Road	Fitzuren Road Widening & Realignment	Antioch: Fitzuren Road: Replace the old 2-lane Fitzuren Road with a new 4-lane divided arterial including shoulders/bike lanes, park and ride, and sidewalks	Expansion	CC-090011	4	\$1,000	\$10,000
CC	Antioch	Local Road	Antioch Ninth Street Preservation	Antioch: 9th Street From "A" to "H" Street: Reconstruct pavement section, grind and overlay pavement, replace HC ramps to meet ADA, replace damaged sidewalks and curb and gutter, install new valley	Maint/Rehab	CC-130019	4	\$1,530	\$1,580
CC	Antioch	Local Road	Antioch - SRTS Pedestrian Improvements	Antioch: Cavallo/Garrow Rd from Wilbur Ave to Davison Dr, and Tregallas from Lone Tree Way to Hillcrest: Construct new crosswalks and ADA ramps; Drake St from A St to G St: Install new wider sidewalks	SystMgmt	CC-130022	3	\$500	\$520
CC	BAIFA	Tollway	I-680 Express Lane: Alcosta to Livorna/Rudgear	In Contra Costa County: On I-680 between Alcosta Boulevard and Livorna Road (northbound) and between Alcosta Boulevard and Rudgear Road (southbound); Convert existing HOV lanes to express lanes.	SystMgmt	CC-130043	2	\$40,300	\$47,800
CC	BART	Local Road	Richmond Transit Village Transit & Ped Imps	Richmond: Richmond Transit Village; Construct pedestrian path & transit improvements at Transit Village. (Project Sponsor is BART and Richmond). MTC Housing Incentive Program (HIP) project.	SystMgmt	CC-010021	13	\$0	\$1,150
CC	BART	Transit	E-BART - East Contra Costa Rail Extension	Pittsburg/Antioch: East Contra Costa County; Extend Rail Service from the Pittsburg/Bay Point Station into eastern Contra Costa County	Expansion	CC-050025	9	\$118,000	\$459,911
CC	BART	Transit	eBART Railroad Avenue Station	Pittsburg: on eBART corridor at Railroad Ave; Design and construction of station	Expansion	CC-130002	2	\$2,000	\$18,500
CC	BART	Transit	BART Community Information Wayfinding	Contra Costa County: Multiple BART Stations: Wayfinding kiosks that provide destination maps at BART stations and other key locations.	SystMgmt	CC-090063	6	\$0	\$1,550
CC	BART	Transit	Walnut Creek BART TOD Access Improvements	Walnut Creek: In the vicinity of the Walnut Creek BART Station: construct public access improvements that are part of the proposed transit-oriented development	SystMgmt	CC-110082	4	\$9,150	\$9,150

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CC	BART	Transit	Richmond BART Station Intermodal Improvements	Richmond: At the Richmond BART Station: Redesign the intermodal zone to improve operational efficiencies, create a clear pedestrian path and upgrade amenities for passengers	SystMgmt	CC-130014	2	\$0	\$4,331
CC	BART	Transit	BART Station Modernization Program	BART: AT Walnut Creek and El Cerrito Stations: Implement modernization improvements including station Access improvements, upgrade of lighting, elevator, escalator, stairs, railings, station agent booth.	SystMgmt	CC-130048	2	\$3,250	\$19,750
CC	Brentwood	Local Road	SR4/Brentwood Boulevard Widening - North (Phase I)	Brentwood: Widen SR4/Brentwood Boulevard from 2 to 4 lanes; Phase I: From Marsh Creek to Delta, including widening of bridge over Marsh Creek. traffic signal modifications, and utilities undergrounding.	Expansion	CC-070011	6	\$5,128	\$6,683
CC	Brentwood	Local Road	SR4 (Brentwood Boulevard) Widening (South)	Brentwood: On SR4 (Brentwood Blvd) between Chestnut Street to Fir Streets; Widen from 2 to 4 lanes in each direction.	Expansion	CC-070012	7	\$3,950	\$4,653
CC	Brentwood	Local Road	Lone Tree Way Undercrossing	Brentwood: On Lone Tree Way at the UPRR track; Construct 6-lane grade separation undercrossing.	Expansion	CC-070013	6	\$0	\$18,753
CC	Brentwood	Local Road	Lone Tree Way Widening	Brentwood: On Lone Tree Way between O Hara Ave and SR4; Widen from 2 lanes to 4.	Expansion	CC-070014	6	\$1,555	\$15,515
CC	Brentwood	Local Road	Central Blvd Widening (Phase II)	Brentwood: On Central Blvd b/w Griffith Ln and the intersection of Central and Dainty Ave; Widen bridge and roadway from 2 to 4 lanes.	Expansion	CC-070015	6	\$500	\$4,785
CC	Brentwood	Local Road	John Muir Parkway Extension (Phase I)	Contra Costa County: John Muir Pkwy: from Foothill Dr. extension to Ventura Dr. Extend and widen to 1 lane + 1 bike lane per direction; Foothill Dr. to new John Muir Pkwy: extend 1 lane + 1 bike lane per	Expansion	CC-070077	8	\$0	\$5,389
CC	Brentwood	Local Road	John Muir Parkway Extension: Ph. II	Contra Costa County: John Muir Parkway northerly from Briones Valley Rd to a logical termini on Concord Avenue: Extend roadway(1 lane + 1 bike lane per direction).	Expansion	CC-070078	8	\$1,825	\$6,996
CC	Brentwood	Local Road	Brentwood Blvd North Widening - Phases II & III	Widen Brentwood Boulevard from existing 2-lanes to 4-lanes; Phase II: between Sunset Rd and Lone Tree Way and Phase III: from Lone Tree Way to Delta Rd.	Expansion	CC-090021	4	\$0	\$12,025
CC	Brentwood	Local Road	Brentwood Area Schools Bike/Ped Access Imps	Brentwood: Near three schools in the City of Brentwood: Improve pedestrian safety and access by providing safer crosswalk access across streets that serve three area schools	Expansion	CC-110052	7	\$0	\$493
CC	Brentwood	Local Road	Brentwood 2012 Pavement Management Program	Brentwood: Sellers Ave between Chestnut St and South City limit; Sand Creek Rd between UPRR and 1900' W of Fairview Ave and O'Hara Ave between Sand Creek Rd and 2nd St, and Lone Tree Way between	Maint/Rehab	CC-110009	3	\$0	\$1,342
CC	Brentwood	Local Road	Balfour Road Preservation	Brentwood: Balfour Road between Pippo Avenue and Minnesota Avenue: Grind and overlay pavement, upgrade existing handicapped ramps, replace traffic signal detector loops and add bicycle detector	Maint/Rehab	CC-130018	3	\$480	\$509
CC	Caltrans	Port/Freight Rail	Richmond Rail Connector	In Contra Costa County: Between BNSF's Stockton Subdivision and UP's Martinez Subdivision north of Richmond, in San Pablo: Construct an at-grade rail connection. Project is phased	Expansion	CC-090032	10	\$0	\$22,650
CC	Caltrans	State Highway	SR 24 - Caldecott Tunnel 4th Bore	Orinda/Oakland: Caldecott Tunnel SR 24; Develop and construct a 2-lane bore north of the existing tunnels. The scope is inclusive of Caltrans EAs: 294901, 294911, 29421, 29431 and 29494	Expansion	CC-010002	20	\$0	\$420,346
CC	Caltrans	Transit	Double rail track b/w Oakley & Port Chicago	CC County: Double the existing rail track between Oakley and Port Chicago by constructing second main track, crossovers, and related track and signal work.	Expansion	CC-030010	5	\$0	\$28,071

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CC	CC County	Local Road	Pacheco Blvd Widening and Realignment	Martinez: On Pacheco Blvd between Blum Rd and Arthur Road; Widen roadway to 2 lanes in each direction and realign. Project will be constructed in phases.	Expansion	CC-070018	5	\$3,600	\$16,170
CC	CC County	Local Road	Kirker Pass Road NB Truck Climbing Lanes	Unincorporated Contra Costa County: On Kirker Pass Road from Clearbrook Drive to approximately 1,000 feet beyond the crest of Kirker Pass Road; Construct northbound truck climbing lane and paved	Expansion	CC-070075	6	\$3,351	\$13,000
CC	CC County	Local Road	Byron Hwy Extension	Byron: On Byron Highway between Bethel Island and Delta Road. Construct bridge over Rock Slough and extend road as a 4-lane facility (2 lanes in each direction).	Expansion	CC-070079	5	\$0	\$9,900
CC	CC County	Local Road	Byron Highway - Vasco Road Connection	Contra Costa County: between Byron Highway and Vasco Road; Construct an east-west connection road	Expansion	CC-070081	5	\$950	\$4,650
CC	CC County	Local Road	North Richmond Truck Route Extension	Complete preliminary engineering, environmental review and initiate right-of-way acquisition for extension of Soto Street (two lane facility) from Market Avenue to Parr Blvd. Construction is planned for	Expansion	CC-090003	4	\$1,800	\$19,900
CC	CC County	Local Road	Contra Costa Co. Camino Tassajara Realignment	Contra Costa County: Camino Tassajara Rd from Windemere Parkway to the Alameda/Contra Costa County line: Realign and widen roadway from 2-lanes to 4-lanes, including paved shoulders for Class II	Expansion	CC-090022	4	\$1,300	\$14,300
CC	CC County	Local Road	Dougherty Road widening	Contra Costa County: Dougherty Rd from Bollinger Canyon Road (north) to Rancho Park Loop: Widen roadway	Expansion	CC-090024	4	\$3,600	\$33,600
CC	CC County	Local Road	Canal Road Bicycle and Pedestrian Facilities	CC County: Canal Rd from Bailey Rd to Loftus Rd: Construct east and west bound bike lanes and close sidewalk gaps (2,350 ft in total length) on the north side of Canal Rd, other improvements include	Expansion	CC-110084	3	\$1,267	\$1,846
CC	CC County	Local Road	Bailey Road Bike and Pedestrian Improvements	Bay Point: Bailey Road and Willow Pass Road: Underground overhead utilities, reconstruct sidewalk, install bike lanes, and landscape for community enhancement and beautification. Project will be	Expansion	CC-130003	2	\$6,260	\$12,760
CC	CC County	Local Road	Port Chicago Hwy/Willow Pass Rd Bike Ped Upgrades	Bay Point: Near the intersection of Port Chicago Hwy and Willow Pass Rd: Install bike lane, sidewalk, curb and gutter, bike/ped access improvements, and intersection channelization	Expansion	CC-130027	2	\$1,205	\$1,797
CC	CC County	Local Road	Contra Costa County Various Streets & Road Preserv	CC County: Pleasant Hill Road (northbound Rancho View Dr to Reliez Valley Rd), Vasco Road (Walnut Blvd to Frisk Creek Bridge), and Byron Highway(Brentwood Blvd to Marsh Creek Rd): pavement	Main/Rehab	CC-130004	2	\$3,428	\$3,428
CC	CC County	Local Road	Contra Costa County Vasco Road Safety Improvements	Contra Costa County: Vasco Road from Walnut Blvd to the Alameda/Contra Costa County line: widen road and place concrete median barrier for 2.5 miles. Phase 1 completed a 1 mile widening segment.	SystMgmt	CC-050030	15	\$2,600	\$33,529
CC	CC County	Local Road	Bailey Road-State Route 4 Interchange	In Bay Point: At the Bailey Road-State Route 4 interchange; modify ramps to improve bicycle and pedestrian circulation.	SystMgmt	CC-130001	2	\$0	\$7,320
CC	CC County	Local Road	West Contra Costa SRTS Non- Infrastructure Program	West Contra Costa County: Various Schools: Conduct educational and outreach programs to encourage and educate students to walk or bike to school	SystMgmt	CC-130034	2	\$710	\$710
CC	CCCTA	Transit	Pacheco Transit Hub	Pacheco Transit Hub: Construct Bus Transfer Station and expanded park and ride facility	Expansion	CC-050010	8	\$0	\$2,806
CC	CCCTA	Transit	CCCTA: Preventive Maintenance Program	CCCTA: Preventive maintenance program of agency fleet.	Main/Rehab	CC-030034	14	\$0	\$19,549
CC	CCCTA	Transit	CCCTA - Replace 10 40' buses - Hybrid	CCCTA: Replace 10 2000 40' hybrid buses that have reached the end of their useful life.	Main/Rehab	CC-110061	3	\$0	\$7,034
CC	CCCTA	Transit	CCCTA: Replace 4 LINK Vans	CCCTA: Replace 4 2004 cut-away vans	Main/Rehab	CC-110062	3	\$0	\$465

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CC	CCCTA	Transit	CCCTA: Replace 4 Minivans	CCCTA: Replace 4 2004 mini-vans used for paratransit operations.	Maint/Rehab	CC-110063	3	\$0	\$217
CC	CCCTA	Transit	CCCTA: Maintenance Facility Rehabilitation	CCCTA Maintenance Facility: Replace and repair facility including replacement of in-ground and mobile lifts, door replacement, and maintenance exhaust system upgrade.	Maint/Rehab	CC-110064	3	\$0	\$600
CC	CCCTA	Transit	CCCTA: Inventory Asset Management System	CCCTA: Update the asset management software.	Maint/Rehab	CC-110065	3	\$0	\$375
CC	CCCTA	Transit	Replace Diesel Trolleys with Electric Trolley Buses	CCCTA: Replace four diesel trolleys with electric trolleys and install the associated infrastructure	Maint/Rehab	CC-110083	3	\$0	\$5,400
CC	CCCTA	Transit	CCCTA: Replace 7 30' Buses	CCCTA: Replace 7 30' buses that have reached the end of their useful life.	Maint/Rehab	CC-110095	5	\$0	\$3,550
CC	CCCTA	Transit	CCCTA - Replace 6 22' Paratransit Vans	CCCTA: Replace 6 paratransit vans that have reached the end of their useful life	Maint/Rehab	CC-110096	3	\$0	\$502
CC	CCCTA	Transit	CCCTA - Replace 4 Paratransit Minivans	CCCTA: Replaces 4 paratransit minivans.	Maint/Rehab	CC-110097	3	\$0	\$225
CC	CCCTA	Transit	CCCTA - Purchase and Install 40 Elec. Cooling Fans	CCCTA: Purchase 40 electric cooling fans and install them on diesel buses currently in the fleet.	Maint/Rehab	CC-110098	3	\$0	\$400
CC	CCCTA	Transit	CCCTA - Replace 15 40' Buses	CCCTA: replace 15 40' Heavy Duty Diesel Transit Buses.	Maint/Rehab	CC-110099	3	\$0	\$8,223
CC	CCCTA	Transit	CCCTA - Replace 18 40' Buses	CCCTA: Replace 18 40' Heavy Duty Diesel Over the Road Buses that have reached the end of their useful life.	Maint/Rehab	CC-110100	6	\$0	\$11,496
CC	CCCTA	Transit	CCCTA: ADA Paratransit Assistance	CCCTA: ADA Paratransit Assistance to transit agency.	Operations	CC-99T001	18	\$0	\$11,897
CC	CCCTA	Transit	511 Real-Time Interface Project	CCCTA: Systemwide: Interface County Connection's existing Real-Time software with 511	SystMgmt	CC-130044	2	\$114	\$114
CC	CCCTA	Transit	CCCTA: Access Improvements Implementation	CCCTA: Various bus stops system-wide: Implement bicycle and pedestrian access improvements identified in County Connection's Access Improvement Study.	SystMgmt	CC-130045	2	\$205	\$205
CC	CCTA	Local Road	Mokelumne Trail Bike/Ped Overcrossing	Brentwood: Construct a pedestrian and bicycle overcrossing near the Mokelumne Trail at State Route 4 in Brentwood.	Expansion	CC-070067	7	\$0	\$6,100
CC	CCTA	Local Road	Local PDA Planning - Contra Costa	Contra Costa County Various Agencies: Planning assistance to local jurisdictions to support transportation investments and improve their performance in Priority Development Areas (PDAs)	SystMgmt	CC-110101	5	\$3,101	\$3,101
CC	CCTA	State Highway	I-680/SR 4 I/C Reconstruction - Phases 1, 2, 4 & 5	At I-680/SR4: Reconstruct I-680/SR4 I/C, provide 2 lane direct connector from NB 680 to WB SR4 w/slip ramps at Pacheco Blvd, and 2 lane direct EB SR4 to SB I-680. Phases 1, 2, 4 & 5. Env Doc covers all	Expansion	CC-010023	13	\$500	\$369,316
CC	CCTA	State Highway	I-680 Auxiliary Lanes	Danville: I-680 between Crow Canyon Road and Sycamore Valley Rd.; Construct Auxiliary Lanes in both directions.	Expansion	CC-030005	11	\$1,520	\$34,001
CC	CCTA	State Highway	SR 4 East Widening from Somersville to SR 160	Expand SR4 from Somersville to SR160; Expand Hwy from 4 to 8 lanes including a wide median for transit from Somersville to Hillcrest and from 4 to 6 lanes from Hillcrest to SR 160. Project includes	Expansion	CC-030028	15	\$0	\$384,802
CC	CCTA	State Highway	I-680 SB HOV Lane Completion	Contra Costa County: I-680 from North Main Street to Livorna in the southbound direction; Construct a HOV lane	Expansion	CC-050028	11	\$58,900	\$84,642
CC	CCTA	State Highway	I-680 NB HOV Lane Extension	Walnut Creek/Pleasant Hill/Concord: On I-680 between Main St and SR242; Extend Northbound HOV lanes.	Expansion	CC-070022	7	\$2,000	\$48,000
CC	CCTA	State Highway	Reconstruct I-80/San Pablo Dam Rd Interchange	San Pablo: I-80/San Pablo Dam Rd (SPDR) I/C: Reconstruct I/C-relocating WB El Portal on-ramp to the full I/C northwards, providing access to McBryde Ave through a new connector road from SPDR I/C.	Expansion	CC-070035	9	\$30,183	\$114,000
CC	CCTA	State Highway	SR4 Bypass: Laurel Rd to Sand Creek	Brentwood: SR4 Bypass from Laurel Road to Sand Creek Road; Widen from 2 lanes to 4 lanes.	Expansion	CC-070049	8	\$0	\$16,600
CC	CCTA	State Highway	SR4 Balfour Road Interchange	Brentwood: Balfour Road/SR4; Construct new interchange.	Expansion	CC-070053	6	\$0	\$46,400

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CC	CCTA	State Highway	SR4 /SR160 Interchange and Connectors	Oakley: SR 160 at SR 4; Construct direct connectors; SB160 to EB 4 and WB 4 to NB 160.	Expansion	CC-070054	6	\$0	\$50,100
CC	CCTA	State Highway	SR4 Bypass: Sand Creek Interchange	Brentwood: Sand Creek Rd at SR4 Bypass; Construct interchange.	Expansion	CC-070057	7	\$0	\$24,800
CC	CCTA	State Highway	SR 239 - New State Highway Study	SR 239 between SR4 in Brentwood and I-205 in Tracy: Conduct environmental and design studies to create a new alignment for SR239 and develop corridor improvements from Brentwood to Tracy.	Expansion	CC-110066	4	\$0	\$29,244
CC	CCTA	State Highway	I-680 / SR 4 Interchange Reconstruction - Phase 3	In Pacheco: At the I680/Route 4 interchange: Widen SR4 in the median to provide a third lane in each direction from Morello Avenue to Port Chicago (SR242). Work includes widening of bridges within	Expansion	CC-130046	3	\$45,980	\$56,030
CC	CCTA	State Highway	Interstate 80 Corridor Real Time Rideshare	I-80 Corridor from Solano County to San Francisco: Encourage carpooling using a Real Time Rideshare smartphone application to commuters along the I-80 corridor, includes marketing and outreach	SystMgmt	CC-130035	2	\$403	\$403
CC	Clayton	Local Road	Clayton Various Streets Preservation	Clayton: Keller Ridge Dr from Eagle Peak Ave to Elk Dr and Eagle Peak Ave from Oakhurst Dr to Keller Ridge Dr: Rehabilitate roadway	Maint/Rehab	CC-130030	3	\$437	\$477
CC	Concord	Local Road	Commerce Avenue Extension	Concord: Commerce Avenue over Pine Creek to Waterworld Parkway: Extend roadway.	Expansion	CC-070026	7	\$5,711	\$8,500
CC	Concord	Local Road	Waterworld Parkway Extension and New Bridge	Concord: Waterworld Parkway between Commerce Avenue and Meridian Park Boulevard; Construct a two-lane bridge over Walnut Creek connecting both roadways.	Expansion	CC-070027	7	\$200	\$12,500
CC	Concord	Local Road	Concord Blvd. Gap Closure, Phase 2	Concord: Concord Blvd between Farm Bureau Road and Sixth Street; Construct a 6-foot wide sidewalk with curb, gutter and pavement widening with no additional automobile travel lanes. The Project will	Expansion	CC-070030	6	\$0	\$1,220
CC	Concord	Local Road	Ygnacio Valley/Kirker Pass Roads Widening	Concord: Ygnacio Valley / Kirker Pass Roads from Michigan Boulevard to Cowell Road: widen from 4 lanes to 6 lanes	Expansion	CC-090026	5	\$0	\$12,000
CC	Concord	Local Road	Monument Corridor Pedestrian and Bikeway Network I	In Concord: Construct 12-foot wide, asphalt-paved Class I Bikeway from the Monument Blvd/Mohr Ln intersection to Victory Ln at Linden Dr, then continues across Victory Ln until Mayette Ave; including	Expansion	CC-090067	8	\$0	\$1,474
CC	Concord	Local Road	Concord Monument Corridor Shared Use Trail	In Concord: Parallel to SR242 from Mayette Avenue/May Court to Meadow Lane: Construct a 1/2 mile shared use trail. The trail will be an alternate route for pedestrians and bicyclists traveling along	Expansion	CC-110019	5	\$0	\$668
CC	Concord	Local Road	Concord BART Station Bike/Ped Access Improvements	Concord: Near the Downtown Concord BART Station: Implement bike/ped access improvements including road diets, buffered bike lanes (0.7 mi), Class 2 bike lanes (0.6 mi), and Class 3 bike routes (0.1	Expansion	CC-130006	3	\$1,371	\$1,371
CC	Concord	Local Road	Detroit Avenue Bicycle and Pedestrian Improvements	Concord: Detroit Ave between Clayton Rd and Monument Blvd: Complete streets improvements including bike lanes and bike routes with sharrows; sidewalk gap closures; signalization of two intersections;	Expansion	CC-130011	4	\$2,210	\$2,434
CC	Concord	Local Road	Concord Blvd Pavement Rehabilitation	Concord: on Concord Boulevard from Sixth Street to Bailey Road: Grind and replace the top 2.50 inches of asphalt concrete. Two recent sidewalk projects from Sixth Street to Sattler Drive have installed a	Maint/Rehab	CC-110010	3	\$0	\$2,687

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CC	Concord	Local Road	Concord Various Street Preservation	Concord: Concord Blvd (Port Chicago Hwy to 6th Street) and Arnold Industrial Way (Port Chicago Hwy to Pike Lane): Grind and replace the top 2.5" of asphalt concrete and upgrade sidewalk/curb ramps	Maint/Rehab	CC-130012	3	\$1,104	\$1,104
CC	Concord	Local Road	Concord Clayton Road/Treat Blvd Intersection Imps.	Concord: Clayton Rd and Treat Blvd: Constructing geometric improvements and upgrade traffic signal to improve operational efficiency and increase capacity	SystMgmt	CC-090023	5	\$2,100	\$2,680
CC	Concord	Local Road	Ped/Bike Traffic Signal at Oak Grove Rd/Sierra Rd	Concord: Oak Grove Road at Sierra Road: Install an actuated Pedestrian/Bicycle Traffic Signal	SystMgmt	CC-130013	2	\$456	\$570
CC	Concord	State Highway	SR 242 / Clayton Road Interchange Improvements	Concord: Construct NB on-ramp and SB off-ramp at the SR242/Clayton Rd Interchange	Expansion	CC-070024	7	\$2,800	\$34,720
CC	Concord	State Highway	SR4/Willow Pass Interchange Improvements	Concord: SR4/Willow Pass Rd. interchange improvements to accommodate traffic generated by the development of the Naval Weapons Station.	Expansion	CC-070025	5	\$2,000	\$33,000
CC	Danville	Local Road	Vista Grande Street Pedestrian Improvements/SR2S	Danville: Vista Grande Street between Camino Tassajara and Diablo Road/Vista Grande Elementary School: Construct separated asphalt concrete pathway and safety enhancements to provide direct	Expansion	CC-130038	3	\$178	\$198
CC	Danville	Local Road	Crow Canyon/Camino Tassajara Intersection Imps	Danville: Camino Tassajara, fr Sycamore Valley Rd to Eastern Town limits & Crow Canyon, fr Camino Tassajara to Southern town limits; pavement rehab incl. signal, drainage, spot Sidewalk, curb/gutter &	Maint/Rehab	CC-050075	12	\$0	\$6,130
CC	Danville	Local Road	Diablo Road Imps. - Green Valley to Avenida Neuva	On Diablo Road: add EB left turn pocket at Clydesdale Dr; drainage improvements; replacement of 1300 LF retaining wall between Green Valley Rd and Clydesdale Dr; overlay; replace guardrail.	Maint/Rehab	CC-090001	4	\$0	\$4,160
CC	Danville	Local Road	Danville Various Streets and Roads Preservation	Danville: Sycamore Valley Road from Camino Ramon to San Ramon Valley Boulevard including the bus loop within the adjoining Park-and-Ride Lot, and El Cerro Boulevard from El Pintado Road to La Gonda	Maint/Rehab	CC-130023	2	\$896	\$1,055
CC	Danville	Local Road	San Ramon Valley Street Smarts SR2S Program	In various Contra Costa jurisdictions: Provide traffic safety education to students in grades K-12, better equipping them to make sound decisions when walking or bicycling to school. Deliver campaigns	SystMgmt	CC-110050	3	\$0	\$413
CC	Danville	Transit	San Ramon Valley Bus Program	In San Ramon Valley: Operate a school bus program starting in FY 2010 in the peak hours to relieve congestion near schools in the San Ramon and Danville area	Operations	CC-090004	4	\$0	\$8,000
CC	EB Reg Park Dis	Local Road	Atlas Road - New Bridge and Roadway Extension	Richmond: Point Pinole Regional Shoreline; Extend Atlas road and construct new 2 lane road bridge with a separated ped/bike trail across UPRR tracks.	Expansion	CC-070063	6	\$0	\$2,152
CC	EB Reg Park Dis	Public Lands/Trails	Breuner Marsh Restoration and Public Access	City of Richmond: Breuner Marsh at Point Pinole Regional Shoreline Park: Implement public access improvements including a staging area and associated bicycle and pedestrian access improvements	Expansion	CC-130049	3	\$3,945	\$5,945
CC	EB Reg Park Dis	Public Lands/Trails	SF Bay Trail, Pinole Shores to Bay Front Park	City of Pinole: between Pinole Shores and Bayfront Park approximately 0.5-mile: Construct a section of the San Francisco Bay Trail	Expansion	CC-130050	2	\$3,120	\$3,430
CC	EB Reg Park Dis	Public Lands/Trails	Contra Costa Parks Bike/Ped Trail Improvements	Contra Costa County: Various County Parks; Various bicycle and pedestrian trail improvements. Construction will be done in different phases.	Maint/Rehab	CC-070033	9	\$152	\$951
CC	ECCTA	Transit	ECCTA: Preventive Maintenance Program	TriDelta: Preventive Maintenance Program for agency fleet.	Maint/Rehab	CC-030037	14	\$0	\$3,439
CC	ECCTA	Transit	ECCTA: Transit Bus Replacements	Tri-Delta Transit: Replace 39 transit bus with similar buses.	Maint/Rehab	CC-070092	14	\$719	\$39,842

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CC	ECCTA	Transit	Tri-Delta: ADA Operating Assistance	Tri-Delta: Operating assistance to fund ADA Set Aside requirement.	Operations	CC-030035	13	\$0	\$6,343
CC	El Cerrito	Local Road	Moeser & Ashbury Ped/Bike Corridor Improvements	El Cerrito: Ashbury Ave: construct new sidewalk, Class II and III bikeways, and intersection improvements; Moeser Lane: construct new sidewalk, Class II and III bikeways and retaining wall	Expansion	CC-090066	7	\$0	\$1,095
CC	El Cerrito	Local Road	El Cerrito Various Streets and Roads Preservation	El Cerrito: Various Streets and Roads: Rehabilitate pavement	Maint/Rehab	CC-130021	2	\$839	\$941
CC	El Cerrito	Local Road	Del Norte Area TOD Bike/Ped/Transit Access Imps	Del Norte Intermodal Station: Transit Oriented Development and access improvements (transit connections include BART, bus, express bus, bicycle, and pedestrian).	SystMgmt	CC-070046	8	\$1,500	\$7,375
CC	El Cerrito	Local Road	San Pablo Avenue Streetscape	El Cerrito: Along San Pablo Avenue (SR 123) from the Southern City limit to Northern City limit; Development of pedestrian, transit stop, and streetscape improvements (TLC).	SystMgmt	CC-070074	11	\$0	\$4,516
CC	El Cerrito	Local Road	El Cerrito Central Ave & Liberty St Streetscape Imp	El Cerrito: On Central Ave, San Pablo Ave to the Ohlone Greenway Trail & Plaza BART Sta, and on Liberty St, Central Ave to Fairmount Ave. Streetscape Improvements	SystMgmt	CC-110005	4	\$0	\$1,186
CC	El Cerrito	Public Lands/Trails	El Cerrito Ohlone Greenway Bike/Ped Improvements	El Cerrito: On the Ohlone Greenway at the El Cerrito Del Norte and El Cerrito Plaza BART stations and at the intersections of Hill St, Cutting Blvd, and Fairmount Ave: Widen existing pathway and install	Expansion	CC-130024	2	\$3,384	\$3,919
CC	Hercules	Local Road	Refugio Bridge - Bike, Ped & Vehicle Connectivity	Hercules: At the Hercules Intermodal Transit Center: Construct Refugio (aka Bayfront) Bridge to create a bike/ped link to the Hercules Intermodal Transit Center & addit. access from Bayfront Blvd & John	Expansion	CC-070086	5	\$0	\$8,741
CC	Hercules	Local Road	Central Hercules Arterial Improvements	Central Hercules: Arterial Improvements including roadway expansion and various other improvements for express bus and rail transit facilities. Project will increase capacity and improve context	Expansion	CC-090008	4	\$500	\$2,736
CC	Hercules	Local Road	Hercules (Bio-Rad) Bay Trail	As an element of the Hercules Intermodal Transit Center, construct 0.53-miles of SF Bay Trail in Hercules behind Bio-Rad facility at the end of Alfred Nobel Drive. the project will require the construction of	Expansion	CC-090065	5	\$0	\$4,612
CC	Hercules	Local Road	Hercules-Refugio Valley Road Pavement Preservation	In Hercules: Refugio Valley Road from Sycamore Avenue to Redwood Road. Resurface roadway	Maint/Rehab	CC-130040	2	\$794	\$874
CC	Hercules	State Highway	SR4/Willow Avenue Ramps	Hercules: SR4/Willow Avenue Ramps; Relocate and realign ramps.	SystMgmt	CC-070051	6	\$800	\$21,016
CC	Hercules	Transit	Hercules Intercity Rail Station - Phase 1	Rail Station Site & Access: Construct platform, realign tracks, construct necessary infrastructure like: creek realignment, utility relocation, retaining walls, transit loop & related bridges. This project	Expansion	CC-030002	15	\$10,984	\$24,866
CC	Hercules	Transit	Construct Phase 2 of Hercules Intermodal Station	Hercules: Construction of Hercules Intermodal Station Phase 2 - Station Building, Pedestrian Bridge to platform, Transit Loop and Related Bridges, Track and Signal work, Surface Parking. Project will be	Expansion	CC-090009	6	\$7,900	\$47,390
CC	Lafayette	Local Road	Happy Valley Rd. Walkway SRTS Improvements	In Lafayette: Happy Valley Rd. between Panorama Dr. and Redwood Lane: construct a walkway	Expansion	CC-130010	4	\$113	\$129
CC	Lafayette	Local Road	Mt. Diablo Blvd West End Preservation	Lafayette: Mt. Diablo Blvd from Mtn. View Dr to El Nido Ranch Rd: Implement pavement maintenance and rehab treatment, including failed area repairs, rubberized cape seal, possible cold in-place recycling	Maint/Rehab	CC-130009	2	\$0	\$660

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CC	Lafayette	Local Road	Lafayette Downtown Bike/Ped Imp & Streetscape	Downtown Lafayette: Mt. Diablo Blvd. from Oak Hill Rd. to Mtn. View Dr., including Happy Valley Rd. Renovate/widen SW; install bike racks, enhanced crosswalks, curb bulbs, ped. scale lights, streetscape.	SystMgmt	CC-110006	6	\$0	\$2,301
CC	Martinez	Local Road	Martinez - Court Street Overcrossing, Phase 1	Construct a 19-foot wide bicycle, pedestrian, and emergency vehicle Overcrossing to span DiMaggio Drive, the four tracks of UPRR and Marina Vista to connect North Court St. in the Waterfront Park, with streetscape.	Expansion	CC-090005	5	\$0	\$9,700
CC	Martinez	Local Road	Martinez Various Streets and Roads Preservation	Martinez: Various Streets and Roads: Rehab and perform preventative pavement maintenance to roadways and modify curb ramps to meet current ADA standards	Maint/Rehab	CC-130025	3	\$1,185	\$1,285
CC	Martinez	State Highway	I-680/Marina Vista I/C Improvements	Martinez: I-680/Marina Vista I/C: Improvements including realignment of off-ramp, increased deceleration/acceleration distance for existing NB/SB traffic plus Bike/Ped facilities.	Expansion	CC-070038	6	\$1,000	\$7,896
CC	Martinez	Transit	Martinez Intermodal Station Expansion	Martinez: At the Martinez Intermodal Station: Expand parking from 175 spaces to 600 spaces. Project includes adding a pedestrian and a vehicular bridge to access the parking lot.	Expansion	CC-030004	7	\$1,600	\$20,000
CC	Moraga	Local Road	Moraga Rd SRTS Bicycle and Ped Improvements	In Moraga: On Moraga Road between Campolindo High School and St. Mary's Road: Install pedestrian and bicycle facilities, including trails, sidewalks, crossings and bicycle facilities.	Expansion	CC-130037	2	\$113	\$127
CC	Moraga	Local Road	Moraga Various Streets and Roads Preservation	Moraga: Moraga Road from St Marys Road to Draeger Drive: Perform pavement base repairs; mill and place 2" asphalt concrete; adjust utility frame to grade; install shoulder backing; replace striping and	Maint/Rehab	CC-130020	2	\$709	\$801
CC	Moraga	Local Road	Moraga Way Streetscape	Moraga: Streetscape and safety improvements: sidewalk gap closures, safety enhancements, bus shelters, lighting, street tree planting and street furniture (including bike racks) on Moraga Way bet. Moraga	SystMgmt	CC-110055	4	\$0	\$640
CC	MTC	Local Road	Regional Planning Activities and PPM - CC County	Contra Costa: Regional Planning Activities and Planning, Programming and Monitoring (PPM)	SystMgmt	CC-090035	14	\$1,717	\$13,175
CC	Oakley	Local Road	Main Street Widening	In Oakley: Widen Main Street to 6 lanes from State Route 160 to Big Break Road	Expansion	CC-090015	4	\$2,500	\$12,630
CC	Oakley	Local Road	Oakley Various Streets and Roads Preservation	Oakley: Various streets and roadways: Rehabilitate roadway including striping	Maint/Rehab	CC-130031	2	\$1,165	\$1,165
CC	Oakley	Local Road	Main Street (Previously SR4) Realignment in Oakley	Oakley: On Main St (previously State Route 4) from west of Vintage Parkway to east of 2nd St; Realign roadway, sidewalks, curb, gutters, etc. including traffic calming and signals.	SystMgmt	CC-070065	7	\$1,881	\$1,881
CC	Orinda	Local Road	Moraga Way Pedestrian Pathway	In Orinda: on Moraga Way between Ivy Drive south and El Camino Moraga, construct pedestrian pathway and improve crosswalks.	Expansion	CC-110048	3	\$0	\$258
CC	Orinda	Local Road	Orinda SRTS Sidewalk Project	In Orinda: On Ivy Drive from Fiesta Circle to Risa Ct and Coral Drive from Eastwood Dr to Ardith Dr; installation of sidewalks in the vicinity of Orinda Intermediate School.	Expansion	CC-130036	3	\$113	\$125
CC	Orinda	Local Road	Ivy Drive Pavement Rehabilitation	In Orinda: along Ivy Drive from Fiesta Drive north to Moraga Way: Rehabilitate pavement	Maint/Rehab	CC-130042	2	\$552	\$624
CC	Pinole	Local Road	Pinole - San Pablo Avenue Preservation	Pinole: San Pablo Avenue from Pinole Shores Drive to Sunnyview Drive: Pavement Resurface, and miscellaneous concrete repairs to curbs and gutter	Maint/Rehab	CC-130015	3	\$750	\$805
CC	Pinole	State Highway	Widen Pinole Valley Road ramps at I-80	Pinole: Pinole Valley Road ramps at I-80: Widen to provide dedicated right turn lane on eastbound on-ramp and bus turnout/shelter on westbound on-ramp	Expansion	CC-090017	4	\$787	\$787
CC	Pittsburg	Local Road	California Avenue Widening	Pittsburg: On California Avenue between Loveridge Road and Railroad Avenue: Widening from 2 to 4 lanes.	Expansion	CC-070041	5	\$0	\$13,400

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CC	Pittsburg	Local Road	West Leland Extension, Phase II	Pittsburg: On Leland Road from San Marco Blvd. to Willow Pass Rd.; Extend roadway.	Expansion	CC-070043	5	\$0	\$11,600
CC	Pittsburg	Local Road	Pittsburg-Antioch Highway Widening	Pittsburg: Pittsburg-Antioch Highway from Somersville Rd to Loveridge Rd. Widen from 2 to 4 lanes with turning lanes.	Expansion	CC-070044	5	\$0	\$4,990
CC	Pittsburg	Local Road	James Donlon Extension (Buchanan Rd Bypass)	Pittsburg: James Donlon Blvd from Ventura Dr. to Kirker Pass Road; Construct 2 lane roadway.	Expansion	CC-070045	5	\$1,500	\$33,500
CC	Pittsburg	Local Road	Pittsburg N. Parkside Dr. Bike Lanes and Sidewalks	Pittsburg: North Parkside Drive, from Railroad Avenue to Range Road, and Willow Pass Road, from Range Road to Loftus Road/Seasons Drive. Widen to add bike lanes and sidewalks.	Expansion	CC-110017	3	\$0	\$1,151
CC	Pittsburg	Local Road	Pittsburg Railroad Avenue Pavement Rehab	In Pittsburg: On Railroad Ave from Linscheid Dr. to the southern City valve limit, pavement rehab, upgrade of curb ramps, replacement of pavement markings and traffic loops, adjustment of manholes and valve	Main/Rehab	CC-110012	3	\$0	\$1,230
CC	Pittsburg	Local Road	Pittsburg - Railroad Avenue Preservation	In Pittsburg: On Railroad Avenue between Linscheid Avenue and State Route 4; Rehabilitate roadway including base failure repairs, pavement grinding, AC overlay, concrete curb, gutter and sidewalk repair.	Main/Rehab	CC-130016	3	\$299	\$338
CC	Pittsburg	Local Road	Bailey Road Transit Access Improvements	Pittsburg: Bailey Road/BART/Maynard Road area; Pedestrian crossing improvements to BART station including sidewalk widening, security lighting.	SystMgmt	CC-070084	7	\$0	\$2,198
CC	Pittsburg	Local Road	Pittsburg School Area Safety Improvements	In Pittsburg: At seven school locations; Install rectangular rapidly flashing beacons and may include curb extensions and median fencing.	SystMgmt	CC-130017	4	\$203	\$230
CC	Pittsburg	Transit	Pittsburg Multimodal Transit Station Access Imps.	In Pittsburg: At the Northeast corner of Railroad Ave and California Ave; Construct a Kiss-n-Ride lot, add a right-turn lane on California Ave and improve multi-modal access to eBART station.	Expansion	CC-130039	3	\$1,300	\$1,514
CC	Pleasant Hill	Local Road	Pleasant Hill - Buskirk Avenue Widening	Widen Buskirk Avenue from Monument Boulevard to Hookston Road. Install new traffic signal at the intersection of Buskirk Avenue/Clarie Drive and Buskirk Avenue/southern entrance to Crossroads	Expansion	CC-090002	4	\$0	\$11,000
CC	Pleasant Hill	Local Road	Lisa Lane Sidewalk Project	In Pleasant Hill: Lisa Ln between Marcia Dr. and Fair Oaks Elementary School; Construct new concrete sidewalk along the north side of Lisa Lane, as well as new Class II bike lanes along both sides of Lisa	Expansion	CC-110051	4	\$0	\$721
CC	Pleasant Hill	Local Road	Boyd Road/Elinora Drive SRTS Sidewalk Installation	Pleasant Hill: Along north side of Boyd Road (between Horten Ct and Liahona Ct) and west side of Elinora Dr (between Gladys Dr to Gregory Ln); Install concrete sidewalk, new curb/gutter, driveway	Expansion	CC-130029	4	\$448	\$575
CC	Pleasant Hill	Local Road	Central-East County SR2S Program	In various jurisdictions in Central-East Contra Costa County, SR2S outreach and education program	SystMgmt	CC-110049	3	\$0	\$819
CC	Pleasant Hill	Local Road	Golf Club Rd Roundabout and Bike/Ped Improvements	Pleasant Hill: Golf Club Rd from CC Canal Regional Trail to east of Old Quarry Rd. Old Quarry Rd from Golf Club Rd to Chilpancingo Pkwy; Install bike/ped imprvmnts, construct roundabout, and rehab	SystMgmt	CC-130005	2	\$5,514	\$5,514
CC	Pleasant Hill	Local Road	Pleasant Hill - Contra Costa Blvd. Preservation	In Pleasant Hill: along Contra Costa Boulevard between Chilpancingo Parkway and Viking Drive; Rehabilitate pavement, install landscaping, install street lighting; At intersection of Contra Costa Blvd and	SystMgmt	CC-130007	2	\$0	\$1,262
CC	Richmond	Local Road	Griffin Drive Railroad At-Grade Crossing	Richmond/San Pablo: RR crossings at Griffin and John Avenue; Replace grade separation & expand from 2 to 4 lanes with a protected ped/bike path & protected crossing/updated warning signs.	Expansion	CC-070047	7	\$1,600	\$2,500

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CC	Richmond	Local Road	Marina Bay Parkway Grade Separation	Richmond: Marina Bay Parkway between Regatta Boulevard and Meeker Avenue: construct a roadway undercrossing in place of an existing grade crossing	Expansion	CC-090018	4	\$0	\$36,925
CC	Richmond	Local Road	Richmond Barrett Avenue Bicycle Lanes	In Richmond: On Barrett Avenue between Garrard Boulevard and San Pablo Avenue: construct a class II and III bicycle facility along both sides of Barrett Avenue.	Expansion	CC-110018	3	\$0	\$764
CC	Richmond	Local Road	37th Street Bicycle & Pedestrian Improvements	Richmond: On 37th St from Cerrito Ave to Center Ave: Install bike lanes and pedestrian countdown heads and upgrade traffic signals; On 37th from Barrett to Chanslor: Implement road diet with one lane	Expansion	CC-130047	2	\$330	\$374
CC	Richmond	Local Road	Doman Drive/Garrard Blvd Tunnel Rehabilitation	Richmond: Doman Drive/Garrard Blvd tunnel 1/4 mile south of Cutting Blvd: Repair tunnel and install post-construction monitoring system.	Maint/Rehab	CC-030011	13	\$0	\$1,609
CC	Richmond	Local Road	Richmond Local Streets and Roads	Richmond: Various Streets and Roads: Rehabilitate pavement and install curb ramps	Maint/Rehab	CC-130026	2	\$3,423	\$3,723
CC	Richmond	Local Road	Richmond Transit Village: Nevin Imps BART-19th	On Nevin Ave bet 19th St and the BART Station, ped and bicycle street enhancements incl reconstruction of east entrance to the BART station, wide sidewalk, curb ramps, enhanced crosswalks, lighting.	SystMgmt	CC-110007	6	\$0	\$2,422
CC	Richmond	Local Road	Richmond Transit Village: Nevin Imps 19th-27th	Richmond: On Nevin Ave bet 19th and 27th Streets, ped/bicycle improvements, traffic circle, lighting, curb ramps, upgrades to traffic signals, signage	SystMgmt	CC-110016	6	\$0	\$7,076
CC	Richmond	Local Road	SR2S - Nystrom, Coronado, Highland, Wilson & Wash.	In Richmond: In the vicinities of Nystrom, Coronado, Highland, Wilson, and Washington Elementary Schools: Implement engineering changes to pedestrian and bicycle routes to enhance the safety of	SystMgmt	CC-110031	3	\$0	\$976
CC	Richmond	Local Road	Easy Go Richmond	In Richmond, expand Easy Go KIDS CAB and Bicycle Program using STP/CMAQ funds	SystMgmt	CC-110102	3	\$0	\$254
CC	Richmond	State Highway	I-80/Central Avenue Interchange Modification	I-80/Central Ave: Ph1 Construct new signals and CMS's to redirect I-80 WB on-ramp traffic during weekend peak periods to I-580. Ph2 connect Pierce to San Mateo to relocate signal at Pierce/Central Ave	Expansion	CC-050076	9	\$3,674	\$21,019
CC	San Pablo	Local Road	San Pablo Avenue Bicycle and Ped Improvements	San Pablo and Richmond: On San Pablo Avenue between Rivers Street and Hilltop Drive: Construct sidewalks and bicycle lanes	Expansion	CC-130032	2	\$5,978	\$6,823
CC	San Pablo	Local Road	El Portal Drive Rehabilitation / Gateway Phases II	El Portal Drive from Road 20 to Gateway section, pavement resurfacing, streetscape and median reconstruction, intersection improvements, traffic signal interconnect, and elimination of an uncontrolled	Maint/Rehab	CC-110001	3	\$1,600	\$1,920
CC	San Pablo	Local Road	San Pablo Various Streets and Roads Preservation	In San Pablo: Various Street and Roads: Implement pavement Maintenance treatments (mill & plug, slurry seal with digout repairs, overlay)	Maint/Rehab	CC-130028	2	\$0	\$1,122
CC	San Ramon	Local Road	Bollinger Canyon Road Widening (Alcosta to SRVB)	San Ramon: Bollinger Canyon Road between Alcosta Blvd and San Ramon Valley Blvd: Widen from six to eight lanes	Expansion	CC-090019	4	\$2,883	\$10,613
CC	San Ramon	Local Road	San Ramon Valley Boulevard Preservation	San Ramon: San Ramon Valley Blvd between Bollinger Canyon Rd and Montevideo Dr: Pavement rehabilitation	Maint/Rehab	CC-130008	2	\$0	\$1,916
CC	San Ramon	Local Road	Citywide School Crossing Enhancement Project	In San Ramon: At Windemere Parkway/Holborn, Windemere Parkway/Kearny, Harcourt at Craiglee, Talavera at Cardona and Alcosta Blvd at South Driveway (Fire Station 34): Install Pedestrian and Bicycle	SystMgmt	CC-130041	2	\$0	\$306
CC	San Ramon	State Highway	I-680 Direct Access Ramps	San Ramon: I-680/Norris Canyon or Executive Parkway: Construct Carpool and bus on-and off-ramps; additionally reconstruct overcrossing and widen median	Expansion	CC-070036	6	\$5,300	\$101,600

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CC	St. Rte. 4 BA	State Highway	SR4 Bypass: Sand Creek to Balfour Rd	Brentwood: SR4 Bypass between Sand Creek Rd & Balfour Rd.; Widen from 2 lanes to 4 lanes.	Expansion	CC-070048	7	\$10,000	\$12,400
CC	Walnut Creek	Local Road	Pleasant Hill Geary Road Widening Phase 3	Walnut Creek: Improve Geary Road from Putnam Blvd to Pleasant Hill Rd.; Provide one lane in each direction, center two way left turn lane, bike lanes and sidewalks, and signal improvement at Pleasant Hill	Expansion	CC-070050	5	\$2,000	\$7,950
CC	Walnut Creek	Local Road	Walnut Creek Various Arterials & Collectors Rehab	In Walnut Creek: On San Luis Rd(Larkey to Main), Montego(Ygnacio Valley to Tampico), California Blvd(Mt. Diablo to Boleho), California Blvd(Ygnacio Valley to Pringle) and Newell Ave(Main to Broadway);	Main/Rehab	CC-110013	5	\$0	\$2,103
CC	Walnut Creek	Local Road	Walnut Creek - North Main Street Preservation	Walnut Creek: North Main Street from San Luis Road to Geary Road; Rehabilitate roadway and upgrade traffic signal equipment to detect bicycles	Main/Rehab	CC-130033	2	\$851	\$921
CC	WCCTA	Transit	WCCTA: Preventive Maintenance Program	WestCat: Operating assistance to aid agency with preventive maintenance activities of its fleet.	Main/Rehab	CC-030025	12	\$0	\$2,045
CC	WCCTA	Transit	WCCTA: Replace (5) 1999 35' Revenue Vehicles	WCCTA: Replace (5) 35' vehicles with (5) new 35' low floor vehicles	Main/Rehab	CC-110057	3	\$0	\$2,329
CC	WCCTA	Transit	WCCTA: Purchase of non revenue Service Vehicle	WCCTA: Purchase of non revenue service vehicle for Operations staff	Main/Rehab	CC-110058	3	\$0	\$40
CC	WCCTA	Transit	WCCTA Replace (8) 1988 40' transit buses	WCCTA: Replace (8) 1988 40' vehicles with new 40' low floor Gillig vehicles	Main/Rehab	CC-110092	4	\$0	\$4,380
CC	WCCTA	Transit	WCCTA: Replace (2) 2002 35' transit buses	WCCTA: Replace (2) 2002 35' Gillig phantom with 2 35' Gillig low floor diesel vehicle	Main/Rehab	CC-110093	4	\$0	\$919
CC	WCCTA	Transit	WCCTA - Replace (2) 35 foot diesel transit vehicle	WCCTA: Replace (2) 35' (2000) vehicles with (2) 35' vehicles	Main/Rehab	CC-110094	4	\$0	\$280
CC	WCCTA	Transit	WCCTA: ADA Paratransit Operating Subsidy	WCCTA: ADA Paratransit Operating Subsidy	Operations	CC-990045	19	\$0	\$1,458
CC	WCCTA	Transit	Hercules Intermodal Station Improvements	Hercules: Intermodal Station along the capitol corridor: Various passenger and station improvements.	SystMgmt	CC-050074	7	\$0	\$1,614
CC	WETA	Transit	Richmond Ferry Service	WETA: Implement new ferry transit service between Richmond and San Francisco.	Expansion	CC-070062	8	\$4,550	\$42,363
CC	WETA	Transit	Martinez Ferry Service	WETA: Martinez: Implement ferry transit service between Martinez and San Francisco. (PE only)	Expansion	CC-110002	3	\$0	\$813
CC	WETA	Transit	Antioch Ferry Service	WETA: Antioch: Implement ferry transit service between Antioch and San Francisco. (PE only). Keep project in the TIP for future use.	Expansion	CC-110003	3	\$0	\$813
Totals for Contra Costa County								\$487,731	\$3,470,509

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MRN	Caltrans	State Highway	US 101 - Golden Gate Botanical Area Revegetation	Golden Gate Botanical Management Area: along US 101 from Golden Gate Bridge to Rodeo Ave: Native plant revegetation.	SystMgmt	MRN050012	8	\$0	\$595
MRN	Caltrans	State Highway	US-101 Mission Bell Installation	In Marin and Sonoma Counties: Along US-101: Install historic Mission Bells	SystMgmt	MRN110003	3	\$0	\$241
MRN	Fairfax	Local Road	Parkade Circulation and Safety Improvements	Fairfax: Between Sir Francis Drake Boulevard, Pacheco Avenue, Claus Drive and Broadway: Improve bicycle, pedestrian, transit, and vehicular circulation and safety around and through the Parkade in	SystMgmt	MRN130009	3	\$400	\$400
MRN	GGBHTD	Tollway	Golden Gate Bridge Seismic Retrofit, Phase 3B	SF/Marin County: Golden Gate Bridge: Seismic retrofit of the Golden Gate Bridge - construction of suspension span, south pier and fender.	Maint/Rehab	MRN050018	17	\$43,600	\$142,752
MRN	GGBHTD	Tollway	Golden Gate Bridge Seismic Retrofit, Ph: 1-3A	San Francisco/Marin Counties: Golden Gate Bridge: Seismic retrofit of the Golden Gate Bridge - construction on north and south approach viaducts, and Ft. Point Arch.	Maint/Rehab	MRN970016	25	\$3,740	\$273,157
MRN	GGBHTD	Tollway	Golden Gate Bridge-Suicide Deterrent SafetyBarrier	Golden Gate Bridge: Build suicide deterrent system. Including design & Environmental analysis, plus analysis of alternatives & wind tunnel tests to ensure the feasibility of designs and build deterrent	SystMgmt	MRN050019	11	\$5,000	\$87,000
MRN	GGBHTD	Transit	Larkspur Ferry Terminal Parking Garage	In Larkspur: At the Larkspur Ferry Terminal (LFT): construct a new three story parking structure	Expansion	MRN130001	2	\$500	\$4,000
MRN	GGBHTD	Transit	GGBHTD: Fixed Guideway Connectors	Golden Gate Ferry: This project will replace/rehab fixed guideway connectors such as floats, floating barges, ramps, and gangways throughout the system.	Maint/Rehab	MRN030010	16	\$0	\$33,296
MRN	GGBHTD	Transit	GGBHTD: Ferry Major Components Rehabilitation	Golden Gate Ferry: Rehab, replace major ferry components like propulsion & navigation systems, dry-dock, hull, interior and other components.	Maint/Rehab	MRN030011	17	\$0	\$14,011
MRN	GGBHTD	Transit	4 Replacement Express Buses	GGBHTD: Replace 4 Express Buses.	Maint/Rehab	MRN050015	7	\$0	\$1,600
MRN	GGBHTD	Transit	GGBHTD: Facilities Rehabilitation	GGBHTD: Rehabilitate agency's maintenance and operating facilities and replace heavy duty operating and maintenance equipment.	Maint/Rehab	MRN050025	13	\$0	\$27,977
MRN	GGBHTD	Transit	GGBHTD: Replacement of Ferry Propulsion Systems	Golden Gate Transit: Replacement of power distribution systems, propellers, engines and generators for Golden Gate Ferry vessels.	Maint/Rehab	MRN090025	12	\$0	\$3,900
MRN	GGBHTD	Transit	GGBHTD: Replace 11 - 1997 45' MCI Buses	GGBHTD: Replace 11 - 1997 45' MCI Buses at the end of their useful life.	Maint/Rehab	MRN090034	6	\$6,997	\$6,997
MRN	GGBHTD	Transit	GGBHTD - Replace 7 - 40' Diesel Buses	GGBHTD: Replace seven (7) 40' Diesel Buses	Maint/Rehab	MRN110045	4	\$0	\$3,760
MRN	GGBHTD	Transit	GGBHTD - Replace 14 - 45' OTR Coaches	GGBHTD: Replace fourteen (14) 45' Over-The-Road coaches	Maint/Rehab	MRN110046	4	\$0	\$9,637
MRN	GGBHTD	Transit	Ferry channel & berth dredging.	Golden Gate Ferry: From San Francisco to Marin County: Dredge ferry channel and berth.	Maint/Rehab	MRN990017	21	\$0	\$20,894
MRN	GGBHTD	Transit	GGBHTD - Transit Systems Enhancements	GGBHTD: Systemwide: Systems, technology and communications enhancements to transit fleet and facilities.	SystMgmt	MRN130015	2	\$0	\$1,683
MRN	Larkspur	Local Road	Larkspur - Non-motorized Transpo. Pilot Program	Larkspur: Doherty Dr. between downtown and Readwood HS: Construct infrastructure, network planning, & educational programs to ascertain whether bicycling and walking can result in greater share of	Expansion	MRN070015	14	\$0	\$1,596
MRN	Marin County	Local Road	Non-motorized Transp. Pilot Program - Marin County	Marin County: Various locations: Lump sum Non-motorized Transportation Pilot Program. Project is consistent with 40 CFR Part 93.126, 127, 128, Exempt Tables 2 & 3.	Expansion	MRN050033	33	\$0	\$11,005
MRN	Marin County	Local Road	Non-motorized Transp. Projects - Marin County	Marin County: Various locations: Bicycle & pedestrian improvement projects	Expansion	MRN090049	10	\$0	\$1,238

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MRN	Marin County	Local Road	Sir Francis Drake Boulevard Westbound Bike Lane	Marin County: On Sir Francis Drake Blvd. from Baywood Canyon to the top of White's Hill (Mile Post 9.75): reconstruct and in some locations, widen the westbound portion of the shoulder to provide bicycle	Expansion	MRN090050	8	\$0	\$461
MRN	Marin County	Local Road	Miller Creek Road Bike Lanes and Ped Improvements	In Marin County: On Miller creek road, Add Class 2 Bicycle Lanes by restriping road and intersection improvements at Miller Creek and Marinwood Avenue to enhance pedestrian and cyclist safety	Expansion	MRN110033	3	\$362	\$407
MRN	Marin County	Local Road	Mountain View Rd Bridge Replacement - 27C0154	Marin County: On Mountain View Rd. over San Geronimo Creek (Bridge No. 27C0154) near the intersection with Sir Francis Drake Blvd: Replace existing one-lane bridge with a new two-lane bridge	Expansion	MRN110035	3	\$918	\$1,246
MRN	Marin County	Local Road	Marin Parklands Visitor Access, Phase 2	Marin Parklands: Pacific Way bridge at Big Lagoon: Reconstruct bridge and widen to add bike lanes. No added motor-vehicle capacity	Maint/Rehab	MRN070019	9	\$3,410	\$4,446
MRN	Marin County	Local Road	Marin County: Southern Marin Roads Rehab	Project will rehabilitate portions of Laurel Grove Avenue, Ricardo Road, and Panoramic Highway.	Maint/Rehab	MRN090053	6	\$0	\$1,354
MRN	Marin County	Local Road	Donahue Street Road Rehabilitation Project	Marin County: Donahue St from Drake Ave. to Bridge Blvd. and Bridge Blvd. from Donahue St. to Bridgeway: Rehabilitate roadway; Donahue St. at Terners Dr. and at Bridge Blvd: Upgrade traffic signal	Maint/Rehab	MRN130010	2	\$1,217	\$1,217
MRN	Marin County	Local Road	North Civic Center Drive Improvements	In San Rafael: On Civic Center Drive from Merrydale Overcrossing/Soettrini Drive to Judge Haley Drive: Construct bike/ped improvements	SystMgmt	MRN130007	4	\$1,960	\$2,800
MRN	Marin County	Public Lands/Trails	Mill Valley-Sausalito Pathway Preservation	Marin County: Mill Valley-Sausalito multiuse pathway from East Blithedale Avenue to Gate 6 Road in Sausalito: Rehabilitate walkway	Maint/Rehab	MRN130014	2	\$1,756	\$1,756
MRN	Marin County	State Highway	Tennessee Valley Bridge	Marin: Tennessee Valley Bridge; Reconstruct bridge no additional travel lanes. (Also See MRN990028 for PSE & ENV)	Maint/Rehab	MRN010006	11	\$0	\$911
MRN	MCTD	Transit	Local Bus Stop Revitalization in Marin County	Marin County: Various Locations: Bring outdated local bus stops into compliance with current accessibility and passenger amenity standards	Maint/Rehab	MRN110004	3	\$0	\$2,000
MRN	MCTD	Transit	Marin Transit - Replace 3 - 2005 Paratransit Vans	Marin Transit: Replace 3 - 2005 paratransit vans that have reached the end of their useful life	Maint/Rehab	MRN110028	5	\$0	\$245
MRN	MCTD	Transit	MCTD Preventive Maintenance	Marin Transit: Systemwide: Bus Transit Preventative maintenance	Maint/Rehab	MRN110040	4	\$258	\$258
MRN	MCTD	Transit	Marin Transit Replace Four Local Buses	Marin Transit: Replace four local buses	Maint/Rehab	MRN110042	3	\$0	\$2,795
MRN	MCTD	Transit	Marin Transit Seven Local Buses	Marin Transit: Replace seven local buses	Maint/Rehab	MRN110043	3	\$0	\$5,072
MRN	MCTD	Transit	Marin Transit - Replace Paratransit Vehicles	Marin Transit: Replace 13 Paratransit vehicles	Maint/Rehab	MRN110044	3	\$0	\$1,114
MRN	MCTD	Transit	Marin Transit Low Income Youth Pass Program	Marin Transit: Provide low-income youth free bus passes. Other local funds are made available for this project by applying STP/CMAQ funding available through the TPI program to MRN110040	Operations	MRN110041	4	\$0	\$258
MRN	MCTD	Transit	MCTD- ADA Paratransit Assistance	MCTD: ADA Paratransit Assistance to transit agency.	Operations	MRN110047	3	\$0	\$2,525
MRN	MCTD	Transit	Marin county: Bus Stop Improvements	MCTD: Improvements including bus stops, enhanced shelters, accessible pathways, bicycle racks and other passenger amenities.	SystMgmt	MRN070001	12	\$0	\$2,423
MRN	MCTD	Transit	Capital Improvements For Muir Woods Shuttle	Marin County: Purchase Three 35 foot XHF Vehicles, Implement a Real Time Bus Arrival System, and Upgrade Passengers Facilities for Muir Woods Shuttle. These vehicles replace vehicles that are being	SystMgmt	MRN110030	4	\$0	\$2,168

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MIRN	Mill Valley	Local Road	Mill Valley - Sycamore Ave Pedestrian Facilities	Mill Valley: Sycamore Avenue between Camino Alto and Bay Front Park: Install new pedestrian sidewalk and adjacent Class I bike path, lighting, high visibility school zone crosswalk markings, street	Expansion	MRN090052	6	\$0	\$411
MIRN	Mill Valley	Local Road	Mill Valley - Miller Avenue Rehabilitation	Mill Valley: Miller Avenue: Pavement resurfacing, reconstruction of bicycle lanes, modifications to traffic islands, and improvements to sidewalk facilities.	Maint/Rehab	MRN070002	7	\$5,250	\$7,150
MIRN	Mill Valley	Public Lands/Trails	Bayfront Park Recreational Bay Access Pier Rehab	Mill Valley: Bayfront Park: Construct trail connector to Bay Trail and waterfront including a reconstruction of the pier	Maint/Rehab	MRN130012	2	\$223	\$223
MIRN	MTC	Local Road	Regional Planning Activities and PPM - Marin	Marin: Regional Planning Activities and Planning, Programming and Monitoring (PPM)	SystMgmt	MRN090020	13	\$412	\$7,377
MIRN	Novato	Local Road	Novato Boulevard Widening, Diablo to Grant	Novato: Novato Blvd between Diablo and Grant Ave: Improvements to roadway including widening existing two/three lanes to four lanes and adding turn lanes, bike lanes, curbs, and sidewalks.	Expansion	MRN070006	8	\$7,911	\$8,974
MIRN	Novato	Local Road	DeLong Avenue and Ignacio Boulevard Resurfacing	Novato: At the DeLong Avenue and Ignacio Boulevard interchanges: Reconstruct the bridge deck approaches with appropriate conforms and improved pavement surfaces to improve vehicular, pedestrian	Maint/Rehab	MRN130011	2	\$880	\$975
MIRN	Ross	Local Road	Bolinas Avenue and Sir Francis Drake Intersection	Ross: On Sir Francis Drake Blvd from Winship Ave through the 100 block and on Bolinas Ave from Sir Francis Drake Blvd to Shady Ln: Rehabilitate pavement and replace the traffic signal	Maint/Rehab	MRN130006	2	\$310	\$340
MIRN	San Anselmo	Local Road	San Anselmo - Center Blvd Bridge Replace (27C0079)	San Anselmo: Center Blvd Bridge over San Anselmo Creek, at Sycamore Ave: Replace existing 2 lane bridge with 3 lane bridge	Expansion	MRN110032	3	\$4,757	\$5,817
MIRN	San Anselmo	Public Lands/Trails	Sunny Hill Ridge and Red Hill Trails	In San Anselmo: Near Sunny Hill and Red Hill: Construct three miles of hiking trails	Expansion	MRN130013	2	\$160	\$160
MIRN	San Rafael	Local Road	San Rafael - Non-motorized Transport Pilot Program	San Rafael: Construct infrastructure, network planning, & educational programs to ascertain whether bicycling and walking can result in greater share of overall trips and reduce SOV usage.	Expansion	MRN070009	17	\$0	\$2,948
MIRN	San Rafael	Local Road	San Rafael: Sidewalk along East Francisco Blvd	City of San Rafael: Along East Francisco Boulevard from Vivian Way to Grand Avenue: Sidewalk improvements	Expansion	MRN110029	6	\$0	\$1,500
MIRN	San Rafael	Local Road	San Rafael Citywide Street Resurfacing	In San Rafael: Various city streets: Resurface streets.	Maint/Rehab	MRN110008	3	\$0	\$1,332
MIRN	San Rafael	Local Road	San Rafael Various Streets and Roads Preservation	San Rafael: Point San Pedro Rd from 600' north of Biscayne Dr to Riviera Dr and Del Presidio Blvd from Manual T. Freitas Parkway to Las Gallinas Ave: Resurface roadway	Maint/Rehab	MRN130004	2	\$594	\$594
MIRN	San Rafael	Local Road	San Rafael Transit Center Pedestrian Access Imps.	San Rafael: In the vicinity of the Bettini Transit Center and the future SMART station: Upgrade existing traffic signal equipment to be compliant with rail and improve pedestrian facilities	SystMgmt	MRN130005	2	\$2,200	\$2,675
MIRN	Sausalito	Local Road	Sausalito - Non-motorized Transp. Pilot Program	Sausalito: Construct infrastructure, network planning, & educational programs to ascertain whether bicycling and walking can result in greater share of overall trips and reduce SOV usage.	SystMgmt	MRN070012	12	\$0	\$530
MIRN	Sausalito	Local Road	Sausalito - Bridgeway/US 101 Off Ramp Bicycle Imps	Sausalito: Highway 101 Off Ramp/Bridgeway/Gate 6 Intersection: Improve bicycle traffic	SystMgmt	MRN110010	4	\$0	\$285
MIRN	TAM	Local Road	Central Marin Ferry Access Improvements	Central Marin: From the southern terminus of the Cal Park Hill path connecting to the east/west path adjacent to E. Sir Francis Drake Blvd.	Expansion	MRN050014	11	\$0	\$16,612
MIRN	TAM	Local Road	Marin Bike/Ped Facility North of Atherton Ave.	Marin County: Along US 101 from north of Atherton Avenue to south of Petaluma River bridge: Construct bicycle-pedestrian facility.	Expansion	MRN070003	7	\$0	\$610

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MRN	TAM	Local Road	TAM - Non-motorized Transportation Pilot Program	Marin County: Construct infrastructure, network planning, & educational programs to ascertain whether bicycling and walking can result in greater share of overall trips and reduce SOV usage.	SystMgmt	MRN070017	6	\$0	\$160
MRN	TAM	Local Road	Local PDA Planning - Marin	Marin County Various Agencies: Planning assistance pass through to local jurisdictions to support transportation investments and improve their performance in Priority Development Areas (PDAs)	SystMgmt	MRN110039	7	\$848	\$848
MRN	TAM	State Highway	US 101 / Greenbrae Interchange Corridor Impts.	Marin: US 101 Greenbrae I/C Corridor Improvements; Sir Francis Drake To Tamalpais; Reconfigure interchange and close a gap in the non-motorized transportation network	Expansion	MRN050001	9	\$19,800	\$154,800
MRN	TAM	State Highway	US 101 HOV Lanes - Marin-Sonoma Narrows (Marin)	Marin and Sonoma Counties: From SR 37 in Novato to Old Redwood Highway in Petaluma; Convert expressway to freeway and widen to 6 lanes for HOV lanes.	Expansion	MRN050034	12	\$62,978	\$340,987
MRN	TAM	State Highway	Highway 101 Landscaping for Gap Closure Project	In Marin County, On Highway 101, Landscaping for the Gap Closure Project.	SystMgmt	MRN110034	3	\$3,900	\$3,900
MRN	Various	Local Road	Marin County: Major Roads Rehabilitation	Marin County: Rehab. on major roads of countywide significance	Maint/Rehab	MRN090008	5	\$0	\$30,000
Totals for Marin County								\$180,341	\$1,268,404

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NAP	American Canyon	Local Road	American Canyon Napa Junction Elementary Ped Imps	American Canyon: Napa Junction from Napa Junction Elementary School to Highway 29 with minor portions on Theresa Ave and Lombard St: Construct 1,500 feet of public sidewalk.	Expansion	NAP090007	8	\$0	\$276
NAP	American Canyon	Local Road	American Canyon: Theresa Ave Sidewalk Imp Phase 3	American Canyon: On Theresa Ave from the recently completed Theresa Avenue Phase 1 project south to Eucalyptus Drive: Replace substandard curb, gutter and sidewalk and construct missing sections of	Expansion	NAP110007	6	\$0	\$230
NAP	American Canyon	Local Road	Eucalyptus Drive Realignment Complete Streets	American Canyon: Eucalyptus Dr. from Theresa Rd to Hwy 29: Extend roadway and reconfigure intersection of Eucalyptus Dr and Hwy 29 and Eucalyptus Drive and Theresa Road. Create complete street	Expansion	NAP110029	5	\$1,240	\$4,524
NAP	American Canyon	Local Road	Devlin Road and Vine Trail Extension	American Canyon: Devlin Road from the southern terminus 2,500 feet south to Green Island Road: Construct roadway extension and Class I multipurpose path	Expansion	NAP130006	2	\$2,882	\$2,882
NAP	American Canyon	Local Road	American Canyon PDA Development Plan	American Canyon: Develop and implement a strategic Plan to focus on significant transit service improvements and define associated land use patterns and development Plans in the PDA consistent with	SystMgmt	NAP110006	4	\$0	\$2,397
NAP	Calistoga	State Highway	SR 128 and Petrified Forest Intersection Imp	In Calistoga: On SR 128 and Petrified Forest Road, convert 4-way stop controlled intersection to a traffic signal.	SystMgmt	NAP150001	1	\$650	\$650
NAP	Caltrans	State Highway	Design of SR 12/29 /Airport Blvd Grade Separation	Napa: SR 12/29 (Airport Blvd) Intersection; Grade Separation. (Environmental Only)	Expansion	NAP010002	8	\$0	\$2,415
NAP	Caltrans	State Highway	SR 12 (Jamieson Canyon Road) Widening	In Napa and Solano Counties: SR 12 between SR 29 and I-80 (Jamieson Canyon): Rehab roadway and expand from two to four lanes.	Expansion	NAP010008	16	\$850	\$115,135
NAP	MTC	Local Road	Regional Planning Activities and PPM - Napa	Napa: Regional Planning Activities and Planning, Programming and Monitoring (PPM)	SystMgmt	NAP090002	12	\$413	\$5,798
NAP	Napa	Local Road	Napa: Lincoln Ave Bike Lane - Jefferson to Railroad	Napa City: Lincoln Avenue between Jefferson St and the railroad tracks; Restriping to provide Class II bike lanes.	Expansion	NAP110011	6	\$0	\$213
NAP	Napa	Local Road	Napa City North/South Bike Connection	Napa City: California Blvd in section along the project limits of Pueblo and Permanente Way: Widen in order to provide Class II bike lanes along the entire corridor.	Expansion	NAP110013	5	\$0	\$708
NAP	Napa	Local Road	Napa (City): 2011 Cape Seal Pavement Rehab	Napa City: California Blvd. from Laurel to Second; Jefferson from Trancas to Sierra; West Pueblo from Redwood to Rancho; Trower from Linda Vista to Solano; Wine Country from Linda Vista to Hwy 29; Cape	Maint/Rehab	NAP110008	4	\$0	\$726
NAP	Napa	Local Road	Napa City - Linda Vista Pavement Overlay	In Napa: On Linda Vista Ave between Trower and Redwood; Rehabilitate roadway including, repair sidewalk and install ADA ramps.	Maint/Rehab	NAP110015	4	\$0	\$776
NAP	Napa	Local Road	California Boulevard Roundabouts	City of Napa: At First Street/ California Blvd. and Second Street/ California Blvd: Construct roundabouts	SystMgmt	NAP110028	5	\$4,556	\$5,016
NAP	Napa	Local Road	City of Napa PDA Implementation	City of Napa: Supplement the Downtown Specific Plan with PDA Implementation Planning	SystMgmt	NAP130001	2	\$0	\$311
NAP	Napa	Public Lands/Trails	Highway 29/Napa Creek Bicycle Path Upgrade	Napa: On the North side of Napa Creek under Highway 29: Construct a Class 1 bicycle and pedestrian path	Expansion	NAP130004	2	\$0	\$525
NAP	Napa County	Local Road	Silverado Trail Paving Phase F	County of Napa: On Silverado Trail from Zinfandel Ln to Skellenger Ln (Phase F); County Local Roads Paving	Maint/Rehab	NAP110009	4	\$0	\$955
NAP	Napa County	Local Road	Silverado Trail Phase H Rehab	County of Napa: On Silverado Trail from Howell Min to Zinfandel (Phase H); rehabilitate roadway retaining existing Class II bicycle lanes	Maint/Rehab	NAP110023	5	\$1,627	\$1,683

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NAP	Napa County	Local Road	Hardin Rd Bridge Replacement - 21C0058	Napa County: On Harding Rd at Maxwell Creek, 1.6M SE of Pope Cyn Rd: Replace existing one lane bridge with new 2-lane bridge to meet standards	Maint/Rehab	NAP110026	4	\$118	\$1,756
NAP	Napa County	Local Road	Loma Vista Dr Bridge Replacement - 21C0080	Napa County: Loma Vista Dr over Soda Creek, 1.4 miles north of Silverado Trail: replace existing one lane bridge with new two lane bridge to meet standards	Maint/Rehab	NAP110027	3	\$620	\$720
NAP	Napa County	Local Road	Airport Boulevard Rehabilitation	In Napa County: On Airport Boulevard between SR 29 and Napa County Airport: Rehabilitate roadway and retrofit curb ramps at 3 intersections, retaining existing Class II bicycle lanes.	Maint/Rehab	NAP130003	2	\$64	\$1,917
NAP	Napa County	Local Road	Silverado Trail Phase G Rehab	County of Napa: On Silverado Trail from Calistoga to Larkmead (Phase G): rehabilitate roadway retaining existing Class II bicycle lanes	Maint/Rehab	NAP130009	2	\$2,734	\$2,829
NAP	Napa County	Local Road	Silverado Trail Yountville-Napa Safety Improvement	In Napa County: On Silverado Trail at Yountville Crossroad, intersection safety improvements; On Silverado Trail between Yountville and Napa, rumble strips.	SystMgmt	NAP130010	2	\$162	\$168
NAP	Napa Vine	Transit	Park & Ride Lots in Napa County	Napa County: American Canyon, and Calistoga/St. Helena/Yountville ; Construct Park and Ride Lots.	Expansion	NAP050009	7	\$0	\$5,030
NAP	NCTPA	Local Road	Napa Valley Vine Trail Design and Construction	Napa County: Various locations: Design and construction of individual segments of Vine Trail.	Expansion	NAP110014	8	\$0	\$5,160
NAP	NCTPA	Local Road	SRTS Non Infrastructure Program Cycle 2	Napa County: Countywide: Continued Implementation and Expansion of the Regional Safe Routes Program	Expansion	NAP130002	3	\$0	\$420
NAP	NCTPA	Local Road	NCTPA: Napa County SRTS Program Expansion	In Napa County: Countywide: Expand existing SRTS program from 6 to 15 schools and enhance program offerings. Non-infrastructure only including marketing, education, and outreach activities.	SystMgmt	NAP110012	3	\$0	\$315
NAP	NCTPA	State Highway	SR 121/29/221 Soscol Junction Interchange Study	In Napa County, study alternatives to construct new southbound Route 221 to southbound Route 29 flyover (including auxiliary lane to Route 12/Route 29). TIP project is for ENV and PSE only.	Expansion	NAP090003	6	\$0	\$6,300
NAP	NCTPA	Transit	NCTPA: Replace Rolling Stock	NCTPA: Replace rolling stock for fixed-route, paratransit, and community shuttle fleet.	Maint/Rehab	NAP090005	6	\$0	\$10,428
NAP	NCTPA	Transit	NCTPA Equipment Replacement and Upgrades	NCTPA: Replacement and upgrades to equipment.	Maint/Rehab	NAP090008	8	\$0	\$1,240
NAP	NCTPA	Transit	NCTPA: ADA Operating Assistance	Napa: ADA operating assistance for paratransit service	Operations	NAP030004	17	\$0	\$374
NAP	NCTPA	Transit	Napa Vine Operating Assistance	Napa Vine: Operating assistance to support transit routes and services.	Operations	NAP970010	29	\$0	\$33,790
NAP	NCTPA	Transit	Napa: Bus Stop Improvements	Napa Vine: Various bus stop improvements throughout the Napa County transit service areas. Add City/County Bus Passenger Amenities especially ADA Bus Stop Improvements.	SystMgmt	NAP030005	11	\$137	\$762
NAP	NCTPA	Transit	Napa County Community Based Transportation Plan	In Napa County, Update to the Napa Community Based Transportation Plan to identify barriers to the mobility needs of the County.	SystMgmt	NAP110024	3	\$100	\$100
NAP	NCTPA	Transit	NapaVINE Bus Mobility Device Retrofit Project- TPI	NapaVINE: System-wide: Install enhanced securement devices in buses.	SystMgmt	NAP130005	2	\$167	\$167
NAP	Saint Helena	State Highway	Hwy 29 Grayson Ave. Signal Construction	In St. Helena: At the intersection of Hwy 29 and Grayson Ave: Install three way signal with ADA ramp upgrades	SystMgmt	NAP130007	2	\$360	\$466
NAP	Yountville	Local Road	Yountville - Napa County Bicycle Path Extension	Napa County: North Yountville; Bike Route and Sidewalk Extension	Expansion	NAP090006	9	\$0	\$149
NAP	Yountville	Public Lands/Trails	Hopper Creek Pedestrian Bridge and Path Project	Yountville: Along Hopper Creek from Oak Circle Open Space to Mission St: Construct multi-use pathway and a pedestrian bridge across Hopper Creek	Expansion	NAP130008	2	\$500	\$500
Totals for Napa County								\$17,179	\$217,830

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SF	BART	Transit	BART/MUNI Direct Connection Platform	BART/MUNI; Embarcadero & Civic Center Stations; Provide a direct connection platform between the BART & MUNI at both stations.	Expansion	SF-050014	6	\$3,000	\$3,000
SF	BART	Transit	Balboa Park Station Eastside Walkway Project	Enhance the Balboa Park Station providing major accessibility and safety improvements.	SystMgmt	SF-090040	4	\$0	\$13,155
SF	BART	Transit	24th Street/Mission BART Plaza Pedestrian Imps.	San Francisco: 24th St BART Station: Plaza improvements, a bus bulb-out on Mission Street at the SW BART plaza, and raised crosswalks on 24th Street at intersecting alleys.	SystMgmt	SF-090051	5	\$0	\$4,014
SF	BART	Transit	Regional Real-Time Transit Information at BART	In downtown Oakland and downtown San Francisco: at six key intermodal BART stations: add additional real time transit information displays	SystMgmt	SF-110044	3	\$0	\$4,400
SF	BART	Transit	BART 24th Street Train Control Upgrade	BART: 24th St. Station: Upgrade train control capability, including turn back facilities, to provide operational flexibility	SystMgmt	SF-110048	4	\$0	\$2,260
SF	Caltrain	Transit	Caltrain Electrification	Caltrain: From San Francisco to Gilroy: Electrification of the caltrain corridor from San Francisco to Tamien, including catenary poles, wires, power supply, track and signals, and Electric Multiple Units	Maint/Rehab	SF-010028	13	\$622,836	\$1,225,000
SF	GGBHTD	Local Road	Golden Gate Bridge - Moveable Median Barrier	Marin/San Francisco Counties: Golden Gate Bridge; Install moveable median barrier on the Golden Gate Bridge to provide a physical separation between opposing directions of traffic.	SystMgmt	SF-070037	16	\$0	\$25,000
SF	MTC	Local Road	Regional Planning Activities and PPM - SF County	San Francisco: Regional Planning Activities and Planning. Programming and Monitoring (PPM)	SystMgmt	SF-090030	13	\$1,275	\$10,503
SF	Port of SF	Local Road	Pier 70 Shoreline Open Space Improvements	San Francisco: Port of San Francisco Pier 70; Implement Shoreline Open Space improvements including a historic preservation 22nd Street connection.	Expansion	SF-070014	6	\$4,000	\$22,000
SF	Port of SF	Local Road	Pier 70 19th Street & Illinois Street Sidewalk	San Francisco: 19th St from Illinois St to approximately 600' east: Construct new 19th St roadway and bike/ped improvements; On Illinois Street from 18th and 19th: construct new sidewalk and other	Expansion	SF-130021	2	\$2,850	\$3,220
SF	Port of SF	Transit	San Francisco Downtown Ferry Terminal	San Francisco: Downtown Ferry Terminal; Transit improvements including new intermodal transfer areas, ferry facilities, bike/ped improvements, passenger amenities and P.J. provisions.	Main/Rehab	SF-070010	7	\$1,000	\$20,000
SF	Port of SF	Transit	Fishermans Wharf Ferry Terminal Improvements	San Francisco: Fisherman Wharf at Pier 41 to Pier 45; Implement transit improvements structural improvements, new intermodal transfer areas, ferry facilities, bike/ped improvements etc.	Maint/Rehab	SF-070012	7	\$1,000	\$8,000
SF	Port of SF	Transit	Embarcadero Corridor Transportation Improvements	San Francisco: Embarcadero corridor (China Basin & Fisherman's Wharf); Improvements to transit services including signage, parking management strategies, bike/ped improvements & other outreach	SystMgmt	SF-070009	6	\$1,000	\$5,350
SF	SF County TA	Local Road	Treasure Is/Yerba Buena Is Street Improvements	On Treasure Island: Implement Treasure Island/Yerba Buena Island street network. Project includes a new street network, traffic calming, bike & pedestrian improvements, streetscape and transit/shuttle	Expansion	SF-130004	2	\$2,000	\$47,960
SF	SF County TA	Local Road	Integrated Public-Private Partnership TDM Program	San Francisco: Implement pilot TDM strategies: (a) parking cash-out programs and TDM related approaches and (b) Muni Partners shuttle coordination and expansion. Includes program evaluation.	SystMgmt	SF-110011	3	\$0	\$1,025
SF	SF County TA	Local Road	San Francisco Parking Pricing and Regulation Study	San Francisco: Develop and evaluate parking-based approaches for the management of areawide traffic congestion in San Francisco.	SystMgmt	SF-110038	4	\$0	\$600
SF	SF County TA	Local Road	Treasure Island Congestion Pricing Program	San Francisco: Treasure Island: Implement Congestion Pricing Program. project is phased	SystMgmt	SF-110049	6	\$2,000	\$9,875

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SF	SF County TA	Local Road	HOV Ramps: I-280/6th St Ramps- Project Development	San Francisco: I-280/6th St. J/C: Planning only for dedicated ramp for high-occupancy vehicles	SystMgmt	SF-130009	2	\$2,000	\$2,000
SF	SF County TA	Local Road	SF Downtown Congestion Pricing (NE Cordon)	San Francisco: In the northeast part of the city bounded by Laguna, Guerrero, and 18th St. Implement or pilot a mobility improvement and congestion pricing program charging a peak hour toll (capped at	SystMgmt	SF-130017	2	\$0	\$104,000
SF	SF County TA	State Highway	HOV Lanes on US 101 in SF - Project Development	San Francisco: US 101 from SF county line to Cesar Chavez: Planning, Preliminary Engineering, and Environmental to convert one existing lane in each direction to HOV lanes	Expansion	SF-130008	2	\$2,000	\$2,000
SF	SF County TA	State Highway	Yerba Buena Island (YBI) Ramp Improvements	San Francisco: On east side of the Yerba Buena Island Tunnel at SFOBB; Rehabilitate existing deficient bridges on the west side of the Island.	Maint/Rehab	SF-070027	13	\$59,228	\$211,606
SF	SF County TA	State Highway	US 101 Doyle Drive Replacement	San Francisco: US 101 (Doyle Drive) from Lombard Street/Richardson Avenue to Route 1 Interchange; Replace/rehabilitate roadway.	Maint/Rehab	SF-991030	35	\$1,261,561	\$1,986,737
SF	SF County TA	Transit	Geary Bus Rapid Transit	Muni: On Geary Boulevard; Design and implement a BRT project.	Expansion	SF-070004	6	\$33,050	\$183,700
SF	SF County TA	Transit	Van Ness Avenue Bus Rapid Transit	Muni: On Van Ness Avenue from Mission to Lombard; Design and implement a BRT project.	Expansion	SF-070005	10	\$78,812	\$125,435
SF	SF County TA	Transit	Oakdale Caltrain Station	San Francisco: Oakdale near Palou: Planning, preliminary engineering, and environmental work for a new Caltrain station and transit service adjustments to serve station.	Expansion	SF-090011	5	\$1,457	\$5,173
SF	SF County TA	Transit	Construct Treasure Island Bus Terminal Facility	San Francisco: Treasure Island: Construct Treasure Island Bus Terminal Facility	Expansion	SF-130010	2	\$2,590	\$2,790
SF	SF County TA	Transit	Treasure Island Pricing Mobility Improvements	In Treasure Island: Pricing Program Mobility Improvements including Transit Capital and maintenance improvements. The project is phased	SystMgmt	SF-130005	2	\$2,000	\$23,500
SF	SF DPW	Local Road	Bayview Transportation Improvements	In San Francisco-Implement direct access routes from US 101 to the Hunters Point Shipyard along Cesar Chavez Street to Illinois Street, Cargo Way and Jennings St and along Cesar Chavez Street to Evans	Expansion	SF-010038	11	\$1,000	\$36,150
SF	SF DPW	Local Road	Harney Way Roadway Widening	In San Francisco: Harney Way from US 101 to Jamestown; Improvements including right-of-way engineering, land acquisition for future widening of roadway, design, landscaping and sidewalk	Expansion	SF-090004	8	\$12,420	\$24,050
SF	SF DPW	Local Road	Hunters Pt Shipyard and Candlestick Pt Local Roads	In San Francisco: Hunters Point Shipyard and Candlestick Point: Implement new local streets to support multi-modal mixed use development. The project is phased.	Expansion	SF-110006	4	\$5,000	\$338,150
SF	SF DPW	Local Road	Southeast Waterfront Transportation Improvements	In San Francisco: Between Hunters Point Shipyard and Candlestick Point: improve roadways to facilitate connection of a 5-mile, multi-modal corridor, connecting project area with the Bayside Intermodal	Expansion	SF-130006	3	\$106,529	\$254,281
SF	SF DPW	Local Road	HOPE SF Street Grid Phase 1	In San Francisco: Hunters View in Southeast at the intersections of Evans and Middle Point Road: realign existing streets and add new streets at public housing sites to improve transit, walking, and biking.	Expansion	SF-130007	2	\$9,000	\$10,000
SF	SF DPW	Local Road	4th St Bridge Seismic Retrofit & Rehab	San Francisco: On 4th St over Mission Channel waterway; Repair, seismic retrofit, and rehabilitation of 4th St. bridge.	Maint/Rehab	SF-010004	12	\$0	\$52,540
SF	SF DPW	Local Road	Citywide: San Francisco Street Improvements	San Francisco: Citywide: implement street improvement program, including greening, streetscape and sidewalk reconstruction. Project will be constructed in phases	Maint/Rehab	SF-050042	13	\$0	\$16,859

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SF	SF DPW	Local Road	San Francisco - Aurelius Walker Stairway Imps.	In San Francisco: Aurelius Walker Stairway Improvement Project - will include leveling of stairway landings and individual stairs, repair or replace handrails, sidewalk repair and vegetation removal.	Maint/Rehab	SF-090036	8	\$0	\$1,230
SF	SF DPW	Local Road	Great Highway Restoration	San Francisco: Great Highway: Restore and stabilize the Great Highway, stop bluff slides, and protect City infrastructure.	Maint/Rehab	SF-110005	4	\$2,136	\$12,945
SF	SF DPW	Local Road	San Francisco - Folsom Streetscape and Rehab	San Francisco: On Folsom Street from 19th Street to Cesar Chavez: Streetscape and pedestrian improvements; and pavement rehabilitation.	Maint/Rehab	SF-110007	5	\$0	\$5,543
SF	SF DPW	Local Road	San Francisco - Broadway Streetscape and Rehab	San Francisco: Streetscape and pedestrian improvements Kearny Street to Montgomery Street; and pavement rehabilitation on Broadway Street from Kearny Street to Battery Street.	Maint/Rehab	SF-110009	5	\$0	\$1,912
SF	SF DPW	Local Road	San Francisco Point Lobos Streetscape	In San Francisco: Construct new median, clearing and installation of trees, low level shrub planting & irrigation in median and along sidewalk.	SystMgmt	SF-090038	7	\$0	\$595
SF	SF DPW	Local Road	South of Market Alleyways Improvements, Phase 2	In San Francisco: Six alleyways in the South of Market neighborhood: Streetscape improvements include items such as new raised crosswalks, traffic chicanes, textured asphalt paving, new landscaping, and	SystMgmt	SF-110012	5	\$0	\$2,340
SF	SF DPW	Local Road	SF- Better Market Street Transportation Elements	In San Francisco: Market St from Steuart St to Octavia Blvd: improve roadway, including resurfacing, sidewalk and transit boarding improvements, transit connections, traffic signals, transportation	SystMgmt	SF-130001	2	\$1,500	\$206,400
SF	SF DPW	Local Road	SF- Second Street Complete Streets and Road Diet	In San Francisco: On Second Street between Market and King: Design and construct a complete streets project including the removal of a vehicular travel lane from Market to Townsend	SystMgmt	SF-130011	3	\$11,871	\$13,848
SF	SF DPW	Local Road	SF- Longfellow ES Safe Routes to School	In San Francisco: In the vicinity of Longfellow Elementary School: Design and construct curb ramps and bulb outs and other pedestrian improvements.	SystMgmt	SF-130012	2	\$539	\$757
SF	SF DPW	Local Road	SF-ER Taylor ES Safe Routes to School	In San Francisco: In the vicinity of ER Taylor Elementary School: Design and construct bulb outs and curb ramps.	SystMgmt	SF-130013	2	\$411	\$587
SF	SF DPW	Local Road	SF- Broadway Chinatown Complete Streets	In San Francisco: On Broadway between Columbus and the Broadway Tunnel: Design and construct a complete street project.	SystMgmt	SF-130014	3	\$6,192	\$7,102
SF	SF DPW	State Highway	SR 1 - 19th Avenue Median Improvements	In San Francisco: Median landscaping improvements along the 19th Avenue Corridor from Lincoln Way to Wawona Street.	SystMgmt	SF-070025	8	\$0	\$1,337
SF	SFDPH	Local Road	SF SRTS Non-Infrastructure Program	In San Francisco: Countywide: Expansion of the existing San Francisco SRTS education and outreach program.	SystMgmt	SF-130018	2	\$0	\$1,439
SF	SFMTA	Local Road	San Francisco Bicycle Route Improvements	San Francisco: Develop and implement preferred designs for closing existing gaps in the San Francisco Bicycle Route Network.	Expansion	SF-070036	5	\$0	\$5,465
SF	SFMTA	Local Road	San Francisco Bicycle Parking	In San Francisco: Various Locations: Up to 1,186 bicycle parking spaces will be installed using a variety of bicycle storage facilities including but not limited to on-street corrals and off-street racks.	Expansion	SF-090039	7	\$0	\$235
SF	SFMTA	Local Road	Mission Bay/UCSF Multi-Modal Transportation Imps.	San Francisco: Mission Bay: street additions, connections, realignments, improvements and enhancements; widen I-280/Mariposa off-ramp; and construct a transit loop for the T-third light rail line.	Expansion	SF-110002	4	\$2,000	\$62,282
SF	SFMTA	Local Road	Sunset and AP Giannini SR2S Improvements	In San Francisco: On neighborhood streets near Sunset Elementary School and AP Giannini Middle School: Construct a bike lane and pedestrian safety & traffic calming improvements.	Expansion	SF-110029	5	\$0	\$804

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SF	SFMTA	Local Road	Linked Priced Electric Bikesharing	In San Francisco and select Bay Area cities: Apply ITS technology and differential pricing with the colocation of shared electric bicycles within City CarShare's existing systems	Expansion	SF-110037	7	\$1,459	\$1,880
SF	SFMTA	Local Road	Implement Parkmerced Street Network	In San Francisco: Implement Parkmerced Street Network (includes a new street network, traffic calming, pedestrian improvements, biking improvements, streetscape improvements, and transit/shuttle	Expansion	SF-130002	2	\$1,000	\$47,960
SF	SFMTA	Local Road	Twin Peaks Connectivity Planning	San Francisco: on Twin Peaks: Develop a conceptual design that will improve access for people who walk or bicycle on Twin Peaks.	Expansion	SF-130022	2	\$191	\$191
SF	SFMTA	Local Road	SF Downtown Parking Pricing	San Francisco: Downtown: Implement variable pricing program study and assess options for implementing a residential parking pricing pilot and develop transferable technical specifications for SF park	SystMgmt	SF-070040	12	\$0	\$46,525
SF	SFMTA	Local Road	Church and Duboce Bike/Ped Enhancements	San Francisco: Church Street at Market Street and on Noe Street between Duboce Avenue and 14th Street: Install and construct pedestrian and bicycle safety improvements including: curb cuts and signal	SystMgmt	SF-090041	6	\$0	\$474
SF	SFMTA	Local Road	Sunset Boulevard Ped Safety and Education	San Francisco: On a two-mile stretch of Sunset Boulevard between Irving Street and Ocean Avenue: Install 4 ped signals, countdown features and accessible pedestrian signals (APS) for visually impaired	SystMgmt	SF-090042	8	\$0	\$1,299
SF	SFMTA	Local Road	Second St Phase 1 - SFgo Signal Rehab and Upgrade	San Francisco: On 2nd St, between Market and Bryant: Design and install upgraded replacement underground interconnect conduits, pull boxes, fiber cables, and signal controllers	SystMgmt	SF-110008	7	\$0	\$841
SF	SFMTA	Local Road	SF Ped Safety and Encouragement Campaign	San Francisco: City-wide: 18-month pedestrian safety and encouragement campaign	SystMgmt	SF-110039	3	\$0	\$1,000
SF	SFMTA	Local Road	SF Crosswalk Conversion	San Francisco: At 12 uncontrolled crosswalks: Implement continental crosswalks and advance yield lines; At 21 signal or STOP controlled intersections: Implement continental crosswalks	SystMgmt	SF-110040	3	\$0	\$378
SF	SFMTA	Local Road	Local PDA Planning - San Francisco	San Francisco City/County Planning Department: Planning assistance pass through to the San Francisco City/County Planning Department to support transportation investments and improve performance	SystMgmt	SF-110047	5	\$0	\$2,689
SF	SFMTA	Local Road	Mansell Corridor Complete Streets	San Francisco: Mansell Ave from University to Brazil and Persia St from Brazil to Dublin: Implement complete streets improvements, including reduced, separated and relocated vehicular lanes, and bike/ped	SystMgmt	SF-130015	2	\$4,531	\$5,275
SF	SFMTA	Local Road	Masonic Avenue Complete Streets	San Francisco: Masonic Ave from Fiel St to Geary Blvd: Implement complete streets improvements including: removing two lanes used for vehicles only at peak periods, add dedicated bicycle space, repave,	SystMgmt	SF-130016	3	\$15,888	\$18,228
SF	SFMTA	Local Road	Eddy and Ellis Traffic Calming Improvement Project	San Francisco: On Eddy St between Leavenworth and Cyril Magnin and on Ellis St between Jones and Cyril Magnin: Convert one-way streets to two-way streets and implement pedestrian and traffic calming	SystMgmt	SF-130019	2	\$1,345	\$1,710
SF	SFMTA	State Highway	SFGO-Corridor Management	Focused on the US 101 Van Ness and Market Street corridors; Install new communications network and advanced traffic signal control systems with elements citywide.	SystMgmt	SF-070030	14	\$0	\$54,871

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SF	SFMTA	Transit	SF Muni Third St LRT Phase 2 - New Central Subway	San Francisco: North-south alignment under 4th St. to Market, then under Geary to Stockton & under Stockton to Clay St; Extend the Light Rail line project includes procurement of four LRVs.	Expansion	SF-010037	25	\$771,179	\$1,578,000
SF	SFMTA	Transit	Glen Park Intermodal Facility	Muni: Glen Park Facility; Transit connectivity enhancements to improve connections between Muni and BART.	Expansion	SF-050039	6	\$0	\$4,296
SF	SFMTA	Transit	Historic Streetcar Extension to Fort Mason	San Francisco: From Fisherman's Wharf through National Park Service lands in Aquatic Park to Fort Mason; Extend the E-line or the current F-line service.	Expansion	SF-070003	5	\$384	\$49,959
SF	SFMTA	Transit	Additional Light Rail Vehicles to Expand Muni Rail	SFMTA: Addition of 10 light rail vehicles to expand service and reduce overcrowding on Muni Light rail lines.	Expansion	SF-090012	4	\$2,000	\$44,473
SF	SFMTA	Transit	Geneva/Harney Limited/Express Bus Service	Muni: provide 22 vehicles to operate Bus Rapid Transit service on existing streets in the Geneva/Harney corridor	Expansion	SF-090013	4	\$2,000	\$28,000
SF	SFMTA	Transit	Transit Center in Hunters Point	Muni: Transit Center in Hunters Point; Construct 10 bays, Low-level platform, Operator restroom, bus shelters, Electrical ductbank for MUNI power, etc	Expansion	SF-090016	4	\$0	\$22,000
SF	SFMTA	Transit	Express/Ltd Bus Service into Hunters Point (north)	Muni: Procure and customize 20 trolley vehicles to operate new peak-period Bus Rapid Transit Service between Hunters Point and Downtown San Francisco.	Expansion	SF-090017	5	\$0	\$21,800
SF	SFMTA	Transit	Oakdale-Palou Interim High-Capacity Bus Corridor	Muni: Transit Preferential Improvements for the Palou Avenue corridor, including bus bulbs, up to six traffic signals with transit signal priority, new bus shelters and pedestrian safety treatments.	Expansion	SF-090018	4	\$0	\$22,000
SF	SFMTA	Transit	Extended Trolleybus Service into Hunters Point	SFMTA: Procure 5 electric trolley vehicles and construct 1 mile overhead wire infrastructure to extend High-Capacity Bus Service from existing transit corridor in the Bayview to Hunters Point	Expansion	SF-090019	5	\$0	\$51,000
SF	SFMTA	Transit	Geneva-Harney BRT to Hunters Point - Geneva Exin	SFMTA: Extension of Geneva Harney BRT with an additional 0.35 miles from Bayshore/Geneva to Bayshore Transit Center, includes special bus shelters/landscaping/art for identity	Expansion	SF-090020	4	\$2,000	\$34,000
SF	SFMTA	Transit	Geneva-Harney BRT to Hunters Point - Geneva Porto	SFMTA: Construct BRT in exclusive right-of-way on Geneva from Balboa BART to Naples. Construct TPS treatments on Geneva from Naples to Bayshore Blvd.	Expansion	SF-090021	4	\$2,000	\$53,000
SF	SFMTA	Transit	Geneva-Harney BRT to Hunters Point - Harney Porto	San Francisco: Bayview and Hunters Point: Construct extension of Geneva Harney BRT from Bayshore Transit Center to Hunters Point Transit Center	Expansion	SF-090023	4	\$2,000	\$80,910
SF	SFMTA	Transit	19th Ave. & Parkmerced M-Line Realignment	In San Francisco: Extend light rail corridor into Parkmerced development project, add three new light rail stations and facilities. Add rail track and operator support facilities.	Expansion	SF-130003	2	\$2,000	\$80,940
SF	SFMTA	Transit	SFMTA: Purchase 60 foot expansion motor coaches	SFMTA: Purchase 25-30 60 foot expansion motor coaches	Expansion	SF-130020	2	\$0	\$30,500
SF	SFMTA	Transit	SFMTA: Wayside Fare Collection Equipment	Muni: Replacement of life-expired fare collection equipment.	Main/Rehab	SF-030013	16	\$0	\$38,816
SF	SFMTA	Transit	SFMTA: Train Control & Trolley Signal Rehab/Replace	SFMTA: Rehabilitate or replace elements of the Wayside/Central Train Control & trolley Signal Systems.	Main/Rehab	SF-050024	12	\$0	\$53,020
SF	SFMTA	Transit	SFMTA: Escalator Rehabilitation	SFMTA: Replace 28 escalator at 7 stations in the Muni Metro System.	Main/Rehab	SF-050026	10	\$0	\$20,290
SF	SFMTA	Transit	Light Rail Vehicle Overhaul Program	Muni: Systematic overhaul of all light rail vehicles components in agency fleet.	Main/Rehab	SF-050034	10	\$5,230	\$57,534
SF	SFMTA	Transit	SFMTA: Trolley Coach Replacement	SFMTA: Replace 60, 1994 60' articulated Trolley Coaches with either Motor Coaches or Trolley Coaches.	Main/Rehab	SF-070045	15	\$0	\$128,218
SF	SFMTA	Transit	SFMTA: Rehab 170 Neoplans	SFMTA: Rehabilitate 170 Neoplans to extend the useful life.	Main/Rehab	SF-070046	8	\$0	\$18,290
SF	SFMTA	Transit	SF Muni - Preventive Maintenance	SF Muni - Preventive Maintenance	Main/Rehab	SF-090031	7	\$0	\$15,093

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SF	SFMTA	Transit	SFMTA: Paratransit Vehicle Replacements	SFMTA: Paratransit service across San Francisco; preserve service and replace 67 paratransit vehicles	Maint/Rehab	SF-090035	6	\$0	\$9,358
SF	SFMTA	Transit	SFMTA: Replace 45 NABI Motor Coaches & 17 Gilligs	SFMTA: Replace 45 NABI standard motor coaches and 17 Gillig Buses that are at the end of their useful life.	Maint/Rehab	SF-090043	8	\$0	\$61,693
SF	SFMTA	Transit	SFMTA Transportation Asset Management System	San Francisco: SFMTA will implement an Enterprise Asset Management (EAM) system to inventory all of its major assets. By using an EAM system, SFMTA will be able to store data on age, condition, and	Maint/Rehab	SF-110010	3	\$0	\$11,000
SF	SFMTA	Transit	SFMTA: Replace 58 40' Neoplan Buses	SFMTA: Replace 58 40' Neoplan Buses originally in service in 2002 with 58 40' hybrid buses.	Maint/Rehab	SF-110050	7	\$0	\$41,514
SF	SFMTA	Transit	SFMTA: Replace 26 60' Neoplan Buses	SFMTA: Replace 26 60' Neoplan Buses diesel buses originally in service in 2002 with 26 60' hybrid buses. Manufacturer to be determined. Included in RTP and agency Transit Fleet Management Plan; has	Maint/Rehab	SF-110051	5	\$0	\$26,073
SF	SFMTA	Transit	SF Muni Rail Replacement Program	SFMTA: Systemwide - Phased design and replacement of trackway and related systems serving light rail and cable car lines.	Maint/Rehab	SF-95037B	16	\$0	\$185,022
SF	SFMTA	Transit	SFMTA: Cable Car Vehicle Renovation Program	San Francisco: Rehabilitate up to four Cable Car vehicles in one year - two undergoing reconstruction, one in major overhaul, and one in minor overhaul.	Maint/Rehab	SF-970073	21	\$0	\$22,355
SF	SFMTA	Transit	SFMTA: Trolley Overhead Recon. Program	San Francisco: LRT: Phased design and replacement of the overhead wires and related traction power system serving light rail and trolley coach lines.	Maint/Rehab	SF-970170	26	\$0	\$144,303
SF	SFMTA	Transit	Islais Creek Motor Coach Facility	Muni: Islais Creek Motor Coach Facility; Develop a new operating division to replace the Kirkland motor coach operating facility when it is vacated for redevelopment. Phase 2 will construct a Maintenance	Maint/Rehab	SF-990004	17	\$0	\$120,985
SF	SFMTA	Transit	Cable Car Traction Power & Guideway Rehab	SFMTA: Cable Car Traction Power and Guideway Rehab; Repair various guideway and infrastructure & make improvements to the cable car system.	Maint/Rehab	SF-99T002	18	\$0	\$68,240
SF	SFMTA	Transit	SFMTA: Historic Rail Car rehabilitation	SFMTA: San Francisco; Rehabilitation of historic light rail vehicles for operation.	Maint/Rehab	SF-99T005	21	\$0	\$87,394
SF	SFMTA	Transit	SFMTA - Free Muni for Youth Program	SFMTA - Implement a Pilot Program to provide free Muni to low and moderate income youth in San Francisco between the ages of 5 and 17	Operations	SF-110052	3	\$0	\$1,807
SF	SFMTA	Transit	SFMTA: ADA Paratransit operating support	Muni: ADA Paratransit Operating Subsidy; provides funding for increased van/taxi services to people with disabilities who are prevented from using Muni's fixed route services.	Operations	SF-990022	17	\$0	\$206,983
SF	SFMTA	Transit	SFMTA: TEP Capital Implementation Program	SFMTA: Design and construction of investments focused on reliability improvements, travel time reductions, and Muni route updates. This is a phased project.	SystMgmt	SF-090032	6	\$1,000	\$7,624
SF	SFMTA	Transit	San Francisco Market & Haight St. Transit/Ped Imps	San Francisco: Haight St. between Laguna and Market St. Convert to two way for transit operations, this includes work on the overhead wires, traffic signals, and streetscape/pedestrian improvements.	SystMgmt	SF-110016	6	\$0	\$4,572
SF	SFMTA	Transit	SFMTA: N-Judah Customer First Program	SFMTA: On the N-Judah transit Corridor: enhancements include but are not limited to the following: Colorizing existing dedicated transit lanes, Transit Signal Priority, Vehicle Branding, and Enhanced stop	SystMgmt	SF-110042	6	\$0	\$6,100
SF	SFMTA	Transit	SFMTA: Mission Customer First Program	San Francisco: on Mission Corridor: implement enhancements to transit including but not limited to the following: Colorizing existing dedicated transit lanes, Transit Signal Priority, Vehicle Branding, and	SystMgmt	SF-110043	6	\$0	\$10,440

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SF	SFMTA	Transit	SFMTA: 8X Customer First Program	San Francisco: 8X line: Implement Transit Corridor Improvements including colorizing existing dedicated transit lanes, TSP, wayfinding improvements and transit arrival prediction sign, vehicle branding.	SystMgmt	SF-110045	3	\$0	\$11,637
SF	SFMTA	Transit	Global Positioning System	Muni: Global Positioning System, Central Control, and Radio system replacement project.	SystMgmt	SF-990003	18	\$0	\$28,927
SF	TBJPA	Transit	Transbay Term/Caltrain Downtown Ext - Ph.1	San Francisco: Transbay Transit Center: Replacement and expansion of the terminal at the present site.	Expansion	SF-010015	16	\$703,004	\$1,899,400
SF	TBJPA	Transit	Transbay Terminal/Caltrain Downtown Ext: Ph.2	San Francisco: Transbay Terminal; Extend Caltrain commuter rail service from Fourth/Townsend to Transbay Transit Center.	Expansion	SF-050002	9	\$185,396	\$2,285,411
SF	TBJPA	Transit	Transbay Transit Center - TIFIA Loan Debt Service	San Francisco, Transbay Transit Center: TIFIA Loan debt service for Phase 1 & 2. Update annual debt service amounts based on TIFIA loan agreement.	Expansion	SF-070029	6	\$4,088	\$1,075,061
SF	WETA	Transit	WETA: Replace Ferry Vessels	WETA: Fund the replacement of all existing ferry vessels for WETA when the vessels reach the end of their useful life of 25 years.	Maint/Rehab	SF-110053	4	\$0	\$26,177
Totals for San Francisco County								\$3,948,992	\$14,066,685

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SM	Atherton	Local Road	Atherton-Fair Oaks-Middlefield Preservation	In Atherton: On Atherton Ave(Alameda de las Pulgas to El Camino), Fair Oaks Ln(El Camino Real to Middlefield Rd), Middlefield Rd (Redwood City's City Limit to Menlo Park's City Limit): Roadway	Maint/Rehab	SM-110074	3	\$435	\$455
SM	BART	Transit	BART: Preventive Maintenance	BART: Systemwide; Preventive Maintenance	Maint/Rehab	SM-050005	10	\$0	\$33,214
SM	BART	Transit	Daily City BART Station Intermodal Improvements	Daily City: At Daily City BART Station: Improve transit operations; pedestrian & bicycle access; and safety & patron experience	SystMgmt	SM-130029	2	\$1,100	\$1,100
SM	Belmont	Local Road	Ralston Avenue Pedestrian Route Improvements	Belmont: Ralston Ave, between South Rd, and Chula Vista Ave, (near Notre Dame de Namur University): Install pedestrian improvements	Expansion	SM-130017	2	\$320	\$320
SM	Belmont	Local Road	Old County Road Bicycle/Pedestrian Improvements	Belmont: Old County Road from Ralston Ave to the Belmont/San Carlos City Limits: Implement bike and pedestrian route improvements	Expansion	SM-130018	2	\$350	\$350
SM	Belmont	Local Road	Belmont Pavement Reconstruction Program	Belmont: Notre Dame Ave from Alameda de las Pulgas - Miller Avenue, Notre Dame from Ralston Avenue - Arbor Avenue, and Cipriani Blvd from Alameda de las Pulgas - Newlands Avenue: Pavement	Maint/Rehab	SM-130007	2	\$604	\$679
SM	Brisbane	State Highway	US 101/Candlestick Interchange	In San Mateo County: U.S. 101/Candlestick Point Interchange - Reconfigure interchange to allow for safer and better flow of traffic	SystMgmt	SM-090004	4	\$400	\$13,890
SM	Burlingame	Local Road	Carolan Ave Complete Streets and Road Diet	Burlingame: Carolan Ave between Broadway and Oak Grove Ave: Implement road diet by converting a 4-lane roadway into a 2-lane roadway with a center turn lane, Class II bike lanes, and intersection	SystMgmt	SM-130021	2	\$986	\$1,160
SM	Caltrain	Transit	Caltrain South Terminal Phase II and III	Phase II of this project is to construct an additional mainline track and new signal controls just north of Diridon Station. Phase III is to install an additional mainline track and signal controls just south of	Expansion	SM-070008	6	\$14,000	\$15,500
SM	Caltrain	Transit	San Mateo Bridges Replacement	City of San Mateo: Caltrain Corridor - Reconstruct existing Poplar, Santa Inez, Monte Diablo and Tilton railroad grade separation structures, including replacing the bridge decks, project is phased	Maint/Rehab	SM-010054	15	\$0	\$42,577
SM	Caltrain	Transit	Narrow Banding Project	Caltrain: Develop a project strategy plan to identify Caltrain's radio equipment that cannot be modified/reprogrammed to narrow bridge banding and to produce a master voice systems plan.	Maint/Rehab	SM-090001	4	\$0	\$2,593
SM	Caltrain	Transit	Caltrain TVM Replacement	Caltrain: Various Locations: Replace Ticket Vending Machines (TVM)	Maint/Rehab	SM-110076	3	\$0	\$1,225
SM	Caltrain	Transit	Caltrain: ADA Operating Set-aside	Caltrain: ADA Paratransit Operating assistance set-aside	Operations	SM-050040	15	\$0	\$1,542
SM	Caltrain	Transit	Caltrain: Systemwide Security	Caltrain: Security enhancements such as fencing, the installation of panic buttons, fire alarms, surveillance/communication equipment and site hardening of facilities along the Caltrain Corridor.	SystMgmt	SM-030010	15	\$0	\$16,152
SM	Caltrain	Transit	VMS-PA Systems Integration	Caltrain: Develop integrated visual messaging signs (VMS) and a public address (PA) system.	SystMgmt	SM-070032	5	\$0	\$1,100
SM	Caltrain	Transit	Caltrain Grade Separation Program	Along the Caltrain line, provide grade separations of existing crossings at San Bruno, San Mateo, and Angus Avenues in San Bruno and the demolition of the existing San Bruno Station, and reconstruct it	SystMgmt	SM-090021	4	\$0	\$147,050
SM	Caltrain	Transit	Caltrain Control Point Installation	Caltrain mainline: In San Carlos: Install a new control point (rail crossover)	SystMgmt	SM-130026	2	\$2,376	\$4,976

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SM	Caltrain	Transit	Caltrain Off-peak Marketing Campaign	Caltrain: Systemwide: Undertake a marketing campaign targeting off-peak ridership	SystMgmt	SM-130027	2	\$50	\$50
SM	Caltrans	State Highway	US 101 Auxiliary Lanes - 3rd to Millbrae	Cities of San Mateo & Millbrae: Route 101 from 3rd Ave. in San Mateo to Millbrae Avenue in Millbrae; Construct new Auxiliary Lanes, reconstruct overcrossing & install ramp meters.	Expansion	SM-010031	15	\$0	\$188,240
SM	Caltrans	State Highway	US 101 Auxiliary Lanes - Marsh Road to SCL County	San Mateo County: On US 101 from Santa Clara County Line to Marsh Road; Construct new Auxiliary Lanes.	Expansion	SM-030001	16	\$0	\$107,223
SM	Caltrans	State Highway	US 101 / Broadway Interchange Improvement	City of Burlingame: US 101/Broadway Interchange; Reconstruct and reconfigure interchange. Replace existing bridge with a wider bridge structure. CMAQ funds to be used on bike/ped components of	Expansion	SM-050028	10	\$0	\$79,828
SM	Caltrans	State Highway	SR 1 Devils Slide Bypass	San Mateo County: SR 1 between 2nd Street in Montara and Linda Mar Boulevard in Pacifica, Construct new bypass with tunnel(s) and approaches. Adding Installation of BASE (Bay Area Security	Maint/Rehab	SM-979013	18	\$0	\$511,873
SM	Caltrans	State Highway	San Mateo County: Install TMS Elements	In San Mateo County, from Santa Clara County line to San Francisco county line. Install TMS Elements.	SystMgmt	SM-090023	5	\$0	\$2,163
SM	CCAG	Local Road	San Mateo Countywide ITS Improvements	San Mateo County: County-wide; ITS improvements at various locations in San Mateo County.	SystMgmt	SM-070002	9	\$4,298	\$4,298
SM	CCAG	Local Road	San Mateo County Traffic Incident Management	In San Mateo County: Implement traffic incident management strategies by deploying Intelligent Transportation System (ITS) elements.	SystMgmt	SM-070037	12	\$0	\$27,532
SM	CCAG	Local Road	San Mateo County SR2S Program	San Mateo County: Countywide: Provide modularized safe routes to school programs and projects that focuses on education, encouragement, evaluation and enforcement components to all interested	SystMgmt	SM-110022	5	\$0	\$4,607
SM	CCAG	State Highway	Dumbarton Bridge to US101 Connection Study	East Palo Alto: Dumbarton Bridge at US 101; Study of various connections between the Dumbarton Bridge and Highway 101. SAFETEA Earmark HPP #3062 (\$400K)	SystMgmt	SM-070029	7	\$478	\$478
SM	Daly City	Local Road	Callan Boulevard and King Drive Resurfacing	In Daly City: on Callan Boulevard from Hickey Boulevard to Wembley Drive and on King Drive from Verducci Drive to Gellert Boulevard; resurface roadway including upgrade/installation of curb access ramps	Maint/Rehab	SM-130005	2	\$0	\$708
SM	Daly City	Local Road	John Daly Boulevard Bicycle /Ped Improvements	Daly City: On John Daly Blvd between Top of the Hill - Mission Street transit hub and the Daly City BART Station at Delong Street and Los Banos Ave: Implement bike/ped improvements	SystMgmt	SM-130011	2	\$1,000	\$1,250
SM	Daly City	State Highway	SR 82 Daly City-Mission St. Pedestrian Imps.- Ph I	Daly City: Corner of Mission St. & John Daly Blvd & on Mission St. from John Daly Blvd to Alp St: Construct transit & ped improvements including crossing & real time transit info (TLC/HIP).	SystMgmt	SM-050046	12	\$0	\$2,632
SM	East Palo Alto	Local Road	US-101 Pedestrian/Bicycle Overcrossing	In East Palo Alto: between Clarke Avenue and Newell Road; Install a Pedestrian/Bicycle Overcrossing of US-101 to connect the west-side with the east-side of East Palo Alto for safe pedestrian/bicycle	Expansion	SM-130028	2	\$350	\$6,600
SM	East Palo Alto	Local Road	Bay Rd Bicycle/Ped Improvements Phase II & III	E. Palo Alto: On Bay Rd btw Clarke/Ilinois & Tara Rd (Ph II) & btw Tara Rd & Bay Trail (Ph. III); Improvements including resurface, streetscape, bike lanes, & other improvements. HPP #706 (remainder	Maint/Rehab	SM-070004	9	\$11,544	\$12,917
SM	East Palo Alto	Local Road	US 101 University Ave Interchange Improvements	E. Palo Alto: On University Ave across US 101 btw Woodland Ave and Donahoe St; Construct Bike Lane, modify NB and SB off-ramps and intersections with overcrossing with no new lanes for off-ramps. HPP	SystMgmt	SM-070006	7	\$6,407	\$7,007

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SM	Half Moon Bay	State Highway	Route 1 improvements in Half Moon Bay	In Half Moon Bay: On Route 1; Improve safety on Route 1, including adding protected left and right turn lanes at Route 1, adding through lanes on Route 1 at signalized intersections, and constructing new	Expansion	SM-0900015	6	\$2,050	\$7,050
SM	Menlo Park	Local Road	Menlo Park Various Streets and Roads Preservation	Menlo Park: On Chilco Street, Woodland Avenue, Olive Street and University Drive: Rehabilitate pavement	Maint/Rehab	SM-130010	2	\$427	\$492
SM	Menlo Park	Local Road	Menlo Park-Variou Streets Bike / Ped Improvements	Menlo Park: Various locations: Implement bicycle and pedestrian safety improvements	SystMgmt	SM-130008	2	\$797	\$900
SM	Menlo Park	Local Road	Menlo Park - Willow Rd Traffic Signal Modification	In Menlo Park: On Willow Road between Middlefield Road and Hamilton Avenue, modification of 9 traffic signals.	SystMgmt	SM-130023	2	\$0	\$301
SM	Millbrae	Local Road	US 101 Millbrae Ave Bike/Ped Bridge	Millbrae: Across US 101 north of and adjacent to the existing Millbrae Avenue bridge; Construct a new 10-ft wide Class 1 mixed-use bikaped overcrossing.	Expansion	SM-050053	7	\$1,062	\$12,462
SM	Millbrae	Local Road	Millbrae Various Streets and Roads Preservation	Millbrae: Various Locations: Rehabilitate and replace pavement and miscellaneous concrete improvements including installing wheel chair curb ramps.	Maint/Rehab	SM-130009	2	\$445	\$505
SM	MTC	Local Road	Regional Planning Activities and PPM - San Mateo	San Mateo: Regional Planning Activities and Planning, Programming and Monitoring (PPM)	SystMgmt	SM-090024	15	\$1,320	\$10,318
SM	MTC	Local Road	Local PDA Planning - San Mateo	San Mateo County Various Agencies: Planning assistance pass through to local jurisdictions to support transportation investments and improve their performance in Priority Development Areas (PDAs)	SystMgmt	SM-110067	5	\$1,912	\$1,912
SM	MTC	Tollway	Dumbarton Bridge Seismic Retrofit	San Francisco Bay Area: Dumbarton Bridge: Upgrade the Dumbarton Bridge to meet all current seismic and safety design standards	Maint/Rehab	SM-130001	2	\$0	\$33,600
SM	Pacifica	Local Road	FY 2014-15 Linda Mar Boulevard Pavement Rehab	In Pacifica: On Linda Mar Boulevard, Pavement Rehabilitation, from the Linda Mar Shopping Center to Adobe Drive.	Maint/Rehab	SM-110073	3	\$487	\$537
SM	Pacifica	Local Road	Palmetto Avenue Streetscape	In Pacifica: Palmetto Avenue from Bella Vista Avenue to Clarendon Road: Pavement rehabilitation and pedestrian sidewalk improvements.	SystMgmt	SM-130016	2	\$2,330	\$2,450
SM	Pacifica	State Highway	SR 1 - Fassler to West Port Drive Widening	In Pacifica: Route 1 between Fassler Ave. & West Port Dr.; Add an additional lane in each direction.	Expansion	SM-050001	8	\$13,500	\$50,550
SM	Pacifica	State Highway	SR1 San Pedro Creek Bridge Replacement	Pacific: On State Route 1 at San Pedro Creek; Replace bridge and roadway approaches within Caltrans right of way. No new travel lanes.	Maint/Rehab	SM-050052	16	\$0	\$12,805
SM	Portola Valley	Local Road	Town of Portola Valley Resurfacing Prog	In Portola Valley: On various existing federal aid streets: Surface Seals, Asphalt Overlay, base repairs, crack seal, striping.	Maint/Rehab	SM-130006	2	\$0	\$284
SM	Redwood City	Local Road	Blomquist Street Extension	In Redwood City: On Blomquist Street; extend from Seaport Blvd to Bair Island Road. Project may be phased.	Expansion	SM-090007	4	\$100	\$5,000
SM	Redwood City	Local Road	Middlefield Rd and Woodside Rd Intersection Improv	In Redwood City: At the intersection of Middlefield Rd and Woodside Rd; modify intersection to provide pedestrian facilities.	Expansion	SM-110065	4	\$425	\$510
SM	Redwood City	Local Road	Middlefield Road Bicycle / Ped Improvements	In Redwood City: on Middlefield Road between Main Street and MacArthur Avenue; Modify roadway and utilities as needed to widen sidewalks and improve bike and pedestrian amenities. No vehicle travel	Expansion	SM-130022	3	\$3,752	\$6,650
SM	Redwood City	Local Road	Redwood City Various Streets Overlay	Redwood City: On Whipple Ave from Upland Rd to El Camino Real, Whipple Ave from US101 to Veterans Blvd, and Veterans Blvd from US101 to Whipple Ave; Rehabilitate the roadway, add new striping, and	Maint/Rehab	SM-130002	3	\$628	\$648
SM	Redwood City	State Highway	US 101 / Woodside Interchange Improvement	Redwood City: US101/Woodside; Reconstruct and reconfigure interchange.	Expansion	SM-050027	7	\$10,810	\$49,110

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SM	SamTrans	Local Road	Making the Last Mile Connection TDM Program	Redwood City: Implement TDM strategies including: carshare pods at SystMgmt Redwood City Caltrain station and downtown sites, short-distance vanpools, telework and flex-schedules, and residential and	SystMgmt	SM-110005	3	\$0	\$1,818
SM	SamTrans	Local Road	GBI: Removing Barriers to Livable Communities	Daly City: El Camino Real: Develop strategies for removing barriers to livable communities includes five focus areas: (1) street design, (2) economic development and housing, (3) infrastructure, (4)	SystMgmt	SM-110006	5	\$0	\$1,397
SM	SamTrans	State Highway	SR 82 - El Camino Real Grand Boulevard Initiative	El Camino Real Corridor: Ped. & transit facility enhancements, streetscape improvements including medians, wider sidewalks, bike routes & improved linkages to transit hubs & downtown.	SystMgmt	SM-050051	14	\$0	\$4,499
SM	SamTrans	Transit	SAMTRANS: Preventive Maintenance	SamTrans: Preventive maintenance program for agency fleet.	Maint/Rehab	SM-030023	24	\$776	\$55,268
SM	SamTrans	Transit	Facility/Equipment Rehabilitation/Replacement	Operating/maintenance facility/equipment rehabilitation/replacement, including the provision of facility improvements for administration, maintenance, and operations at the Central Administrative facility, the	Maint/Rehab	SM-070049	11	\$0	\$1,233
SM	SamTrans	Transit	SamTrans - Replace 62 1998 Gillig Buses	SamTrans: Replace 62-40' 1998 Gillig Buses, which have exceeded their useful life.	Maint/Rehab	SM-110062	5	\$0	\$35,630
SM	SamTrans	Transit	SamTrans - Replacement of Articulated Bus Fleet	SAMTRANS: Replace up to 55 2002 60' NABI diesel articulated buses that have exceeded their useful life.	Maint/Rehab	SM-110068	5	\$8,134	\$41,488
SM	SamTrans	Transit	Replacement of 19 2007 Cutaway Buses	SamTrans: Replace 19 2007 22' diesel powered cutaway buses that have exceeded their useful life with 19 22' gasoline powered buses	Maint/Rehab	SM-110069	3	\$0	\$2,297
SM	SamTrans	Transit	SAMTRANS: Replacement of 14 2009 Minivans	SAMTRANS: Replace 14 2009 para-transit minivans that have exceeded their useful life.	Main/Rehab	SM-110070	4	\$0	\$774
SM	SamTrans	Transit	SAMTRANS: ADA Paratransit Operating Subsidy.	SamTrans: ADA Paratransit Operating Subsidy.	Operations	SM-990026	25	\$0	\$7,221
SM	SamTrans	Transit	SAMTRANS: Advanced Communication System Upgrades	SAMTRANS: Upgrade Advanced Communication System (ACS). ACS is a set of interrelated radio and computer components deployed at SamTrans dispatch centers and onboard vehicles	SystMgmt	SM-110053	7	\$0	\$13,495
SM	SamTrans	Transit	Reconfiguration of San Carlos Transit Center	San Carlos Transit Center: Reconfigure and rehabilitate the current transit center to facilitate improved safety and connections between SamTrans fixed-route bus service, Caltrain commuter rail, local	SystMgmt	SM-110054	4	\$0	\$4,984
SM	SamTrans	Transit	SamTrans Service Plan (SSP)	SamTrans: System-wide: Offset a reduction in price for the Day Pass by \$1.00 and install new signage for new and modified bus routes	SystMgmt	SM-130025	2	\$687	\$687
SM	San Bruno	Local Road	San Bruno Street Medians and Grand Blvd Imps	San Bruno: El Camino Real (SR 82), San Bruno Avenue, Sneath Lane and other Arterials - Median enhancements	SystMgmt	SM-110011	3	\$0	\$838
SM	San Bruno	Local Road	San Bruno Transit Corridor Pedestrian Imps	San Bruno: El Camino Real from San Bruno Avenue to Sneath Lane, San Bruno Avenue from El Camino Real to Huntington Avenue and Huntington Avenue from San Bruno Avenue to Sneath Lane.	SystMgmt	SM-110012	4	\$265	\$645
SM	San Bruno	Local Road	San Bruno Ave Street Medians Improvements	Streetscape San Bruno: San Bruno Ave from Elm Ave to I-280: implement pedestrian improvement including curb ramps, speed radar display signs, demolish existing landscape and replace and replace existing spray	SystMgmt	SM-130019	2	\$630	\$860
SM	San Bruno	State Highway	SR 82 El Camino Real: Grand Boulevard Initiative	San Bruno: Along El Camino Real & along San Bruno Ave: Install or upgrade landscaping and add irrigation systems in the medians plus other beautification enhancements.	SystMgmt	SM-070031	9	\$0	\$1,079

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County	Sponsor	System	Project Title	Description	Purpose	TIP ID	Ver	Current 4-Year TIP Funding	Total Funding
SM	San Carlos	Local Road	East Side Community Transit Connectivity Imps	In San Carlos, on Old County Road between Brittan Ave and Belmont City Limits and on East San Carlos Ave between Old County Rd and Industrial Rd, provide pedestrian and bicycle enhancements.	Expansion	SM-110028	3	\$0	\$2,771
SM	San Carlos	Local Road	Crestview Drive Pavement Rehabilitation-Phase 2	In San Carlos: Crestview Drive between 100 feet North of Leslie Drive and Club Drive: Pavement and curb ramp rehabilitation	Maint/Rehab	SM-110075	4	\$0	\$700
SM	San Carlos	State Highway	San Carlos Streetscape and Ped Improvements	San Carlos: Around the intersection of El Camino Real and Arroyo Ave: Grand Boulevard Initiatives (GBI), implement bike/ped improvements and bus pad and add pedestrian activation to a mid-block signal	Expansion	SM-130012	3	\$819	\$360
SM	San Carlos	State Highway	El Camino Real Pedestrian Upgrades	San Carlos: El Camino Real, between Oak street and Arroyo Ave: Implement improvements to benefit pedestrians and include planting trees, install pedestrian lighting on existing west sidewalk and improve	Expansion	SM-130014	2	\$0	\$217
SM	San Carlos	State Highway	US101/Holly Interchange modification	City of San Carlos: At Holly St./ 101 Interchange Modification; Widen east bound to north bound ramp to two lanes and eliminate north bound to west bound loop	SystMgmt	SM-090008	4	\$2,000	\$19,000
SM	San Mateo	Local Road	Mount Diablo Ave. Rehabilitation	In the City of San Mateo: Monte Diablo Avenue from N Quebec St to N Kingston St.: Rehabilitation of local streets and roads and addition of ADA compliant curb ramps, bicycle improvements and pedestrian	Maint/Rehab	SM-130004	2	\$310	\$325
SM	San Mateo	Local Road	Smart Corridor Initial Implementation Project	In the City of San Mateo - install PTZ and closed circuit television cameras, flush plans, upgraded traffic signal controllers, trailblazers signs (TBS), arterial system detection station and upgrade	SystMgmt	SM-090054	4	\$0	\$1,940
SM	San Mateo	Local Road	North Central Pedestrian Improvement Program	North Central San Mateo: Various locations south of Cypress Avenue: pedestrian infrastructure improvements including new curb ramps, crosswalks, curb extensions, lighting, and advanced stop bars	SystMgmt	SM-110064	5	\$1,408	\$1,554
SM	San Mateo	Local Road	San Mateo Citywide Crosswalk Improvements	City of San Mateo: Various locations citywide: Install new high visibility crosswalks or upgrade existing crosswalks	SystMgmt	SM-130020	2	\$433	\$433
SM	San Mateo	State Highway	SR92/El Camino Real (SR82) Ramp Modifications	San Mateo: At the SR92/El Camino Real (SR82) interchange: Modify existing on/off rampsto improve the ingress and egress of the interchange.	SystMgmt	SM-110047	7	\$9,395	\$16,100
SM	San Mateo Co	Local Road	CSRT South of Dam Conversion	San Mateo County: 4,480-foot section of existing SFPUC service road: Convert to Crystal Springs Regional Trail South of Dam Project.	Expansion	SM-110024	5	\$0	\$1,125
SM	San Mateo Co	Local Road	CSRT South of Hwy 92 Conversion	In Unincorporated San Mateo County, Crystal Springs Regional Trail, Between Hwy 92 and Ralston Bike Trail on Cañada Rd; convert service road to multi-use trail for pedestrian, cyclist, and equestrians.	Expansion	SM-110063	3	\$0	\$1,405
SM	San Mateo Co	Local Road	Semicircular Rd Bicycle / Ped Access Improvements	San Mateo County: On Semicircular Road between Middlefield Road and 5th Avenue; Replace existing sidewalk with ADA compliant sidewalk and install sharrows and school crossing signs; four nearby	SystMgmt	SM-130015	2	\$320	\$362
SM	San Mateo Co	Public Lands/Trails	Midcoast Multi-Modal Trail	San Mateo County: On Highway 1 from Alto Avenue in Miramar to Coronado Street in El Granada: Construct 3,750 feet of multi-use trail	Expansion	SM-130032	2	\$565	\$6,565
SM	SF City/County	Public Lands/Trails	Southern Skyline Blvd. Ridge Trail Extension	San Mateo County: On the east side of SR-35 "Upper Skyline Blvd" between the intersection of Hwy 92 and Hwy 35 southward approximately 6 miles to the SFPUC Peninsula Watershed: Construct Southern	Expansion	SM-130031	2	\$3,000	\$14,700

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SM	SMCTA	Local Road	Woodside Road Widening - El Camino to Broadway	Redwood City: Widen portions of Woodside Road from 4 to 6 Lanes from El Camino Real to Broadway	Expansion	SM-090011	6	\$700	\$2,600
SM	SMCTA	State Highway	SR 92 Shoulder Widening & Curve Correction	Half Moon Bay: Rte 92 b/w eastern city limits and Pilarcitos Creek; Widen shoulders, straighten curves and improve vertical sight distances. No additional travel lanes.	Expansion	SM-010002	15	\$0	\$5,300
SM	SMCTA	State Highway	Construct WB lane on Rte 92	In San Mateo County: On Route 92; Construct a West Bound portion of slow vehicle passing lane in the vicinity between Route 35 to I-280.	Expansion	SM-090003	4	\$600	\$20,800
SM	SMCTA	State Highway	US 101 Aux lanes from Sierra Point to SF Cnty Line	San Mateo County: On US 101 from Sierra Point to SF County Line; Construct auxiliary lanes	Expansion	SM-090009	4	\$1,800	\$6,600
SM	SMCTA	State Highway	Improve Rte 92 from SM Bridge to I-280	In San Mateo County: On Route 92; Widen and add an uphill passing lane from US 101 to I-280.	Expansion	SM-090013	4	\$2,700	\$35,200
SM	SMCTA	State Highway	US 101 / Willow Road Interchange Reconstruction	Menlo Park: US 101 at Willow Road Interchange; Reconstruct and reconfigure interchange (No additional travel lanes).	Main/Rehab	SM-010047	19	\$51,094	\$59,674
SM	SMCTA	State Highway	I-280/Route 1 interchange safety improvements	Daly City: Implement interim safety and operational improvements at the I-280/Route 1 interchange.	SystMgmt	SM-090010	5	\$300	\$20,100
SM	SMCTA	State Highway	Improve US 101 operations near Rte 92	City of San Mateo: On US 101; Operational improvements near Route 92	SystMgmt	SM-090014	6	\$5,628	\$24,339
SM	SSF	Local Road	SSF Citywide Sidewalk Gap Closure Project	South San Francisco: Various Streets: closes gaps in the existing pedestrian infrastructure	Expansion	SM-130003	2	\$404	\$404
SM	SSF	State Highway	US 101/Produce Avenue Interchange	South San Francisco: On US Highway 101 from Utah Avenue on the east side to the vicinity of Produce Avenue on the west side: Construct a local interchange	Expansion	SM-110003	3	\$1,500	\$127,470
SM	SSF	State Highway	South San Francisco Grand Blvd Ped Improvements	South San Francisco: El Camino Real between Chestnut Ave/Westborough Blvd to Arroyo Ave: Design and construct improved pedestrian crossings with corner bulbouts, median refuges, expanded bus stop	SystMgmt	SM-130013	2	\$961	\$1,131
SM	SSF	State Highway	Grand Boulevard Initiative Complete Street Program	South San Francisco: Along El Camino Real between Kaiser Way and McLellan Drive: Implement bike and pedestrian enhancements, street trees, rain gardens and median landscaping as well as	SystMgmt	SM-130030	2	\$2,539	\$2,539
SM	WETA	Transit	WETA: Redwood City Ferry Service	WETA: Redwood City; Implement ferry transit service between Redwood City and San Francisco	Expansion	SM-110002	3	\$2,000	\$15,000
Totals for San Mateo County								\$183,912	\$2,000,903

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SCL	ACE	Transit	ACE: ADA Operating Set-aside	ACE: ADA Operating Set-aside	Operations	ALA050042	14	\$0	\$528
SCL	Caltrain	Transit	South Terminal Wayside Power	In San Jose: At Diridon Station: Replace the existing power substation, replace the wayside power cabinets on existing platforms with new cabinets, install new power cabinets on the two new platforms.	Maint/Rehab	SCL110131	3	\$0	\$2,249
SCL	Caltrans	State Highway	SR 87 Guadalupe Freeway Corridor Landscaping	In San Jose: On SR-87 from Julian St to route 101; Landscaping along new corridor improvements (Also see SCL990041).	SystMgmt	SCL030008	12	\$0	\$8,925
SCL	Caltrans	State Highway	US 101 / SR 87-Trimble Road Landscaping	San Jose: US 101 from 0.8 km south of the SR-87/US-101 separation to 0.4 km north of Trimble Rd; Landscape Mitigation.	SystMgmt	SCL050013	8	\$0	\$2,390
SCL	Campbell	Local Road	Virginia Avenue Sidewalks	In Campbell: On Virginia Avenue between Budd Avenue and Hacienda Avenue; add pedestrian sidewalks, curb, gutter, and curb ramps; signing and striping.	Expansion	SCL130017	3	\$800	\$800
SCL	Gilroy	Local Road	Gilroy New Roman Channel and Lions Creek Trails	In City of Gilroy: On Roman channel levee from Sixth St to Leavelley Rd and Lions Creek levee from Kern to Tapestry Dr; build bicycle pedestrian trails.	Expansion	SCL110032	4	\$1,169	\$1,929
SCL	Gilroy	Local Road	Eigleberry Street Resurfacing	In Gilroy: On Eigleberry St between 1st and 10th; Rehabilitate roadway	Maint/Rehab	SCL130025	2	\$0	\$913
SCL	Los Altos	Local Road	Los Altos Various Streets and Roads Preservation	In Los Altos: Springer Road from Foothill to El Monte and Grant Rd from Grant to Homestead; Resurface and rehabilitate pavement	Maint/Rehab	SCL130023	3	\$352	\$387
SCL	Los Altos Hills	Local Road	El Monte Road Preservation	In Los Altos Hills: El Monte Rd from Stonebrook Dr. to Summerhill Ave and from O'Keefe Ln to Stonebrook Dr.; Rehabilitate roadway	Maint/Rehab	SCL130013	2	\$315	\$350
SCL	Los Gatos	Local Road	Hillside Road Preservation	In the Hillside area of Los Gatos: Shannon Rd between Los Gatos Blvd and Hicks Rd; Rehabilitate pavement.	Maint/Rehab	SCL130014	3	\$139	\$157
SCL	Milpitas	Local Road	SR 237 - Calaveras Blvd Widening	In Milpitas: Calaveras Boulevard from Town Center Drive to Abel Street; widen roadway from 4 to 6 lanes and add pedestrian and bicycle facilities.	Expansion	SCL050077	7	\$6,500	\$61,500
SCL	Milpitas	Local Road	Milpitas Various Streets and Roads Preservation	In City of Milpitas: At various locations: repair failed AC pavement; resurface road, construct ADA curb ramps, repair sidewalks and curbs, and install signing and pavement striping	Maint/Rehab	SCL130035	2	\$1,867	\$1,927
SCL	Morgan Hill	Local Road	Monterey Road Preservation	In Morgan Hill: On Monterey Road between East Dunne Avenue and East Middle Avenue; resurface roadway.	Maint/Rehab	SCL130043	2	\$1,558	\$1,711
SCL	Mountain View	Local Road	Mountain View Various Rd Preservation & Bike lanes	In Mountain View: Various Locations: Rehabilitate Pavement and install bike lanes	Maint/Rehab	SCL130018	3	\$1,318	\$1,469
SCL	Mountain View	Local Road	Mountain View Castro Street Complete Streets	In the City of Mountain View: On Castro St between El Camino Real and Miramonte Ave; Implement complete street and road diet	SystMgmt	SCL130015	3	\$950	\$950
SCL	MTC	Local Road	Local PDA Planning - Santa Clara	Santa Clara County Various Agencies: Planning assistance pass through to local jurisdictions to support transportation investments and improve their performance in Priority Development Areas (PDAs).	SystMgmt	SCL110125	5	\$6,043	\$6,043
SCL	Palo Alto	Local Road	Arastradero Road Schoolscapes/Multiuse Trail	In Palo Alto: Along the south side of Arastradero Road between the Hetch Hetchy Los Altos Pathway and Miranda Avenue; Reconstruct the sidewalk to a multi-use trail to support Safe Routes to School	Expansion	SCL130034	2	\$1,306	\$1,502
SCL	Palo Alto	Local Road	Palo Alto Various Street Resurfacing & Streetscape	Palo Alto: Various Locations: resurface roadways.	Maint/Rehab	SCL130042	3	\$1,081	\$1,091
SCL	Palo Alto	Local Road	Palo Alto - Citywide Traffic Signal upgrade	In Palo Alto: Replace the City's existing traffic signal central system and up to 35 traffic signal field controllers with associated communications gear.	SystMgmt	SCL050091	10	\$458	\$503

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SCL	Palo Alto	State Highway	Adobe Creek/ Highway 101 Bicycle Pedestrian Bridge	Palo Alto: Where US 101 crosses Adobe Creek: Construct Bike/Ped Bridge. Project is phased	Maint/Rehab	SCL130041	3	\$8,000	\$9,500
SCL	San Jose	Local Road	Bay Trail Reach 9 & 9B	In San Jose: Near Gold Street to the existing San Tomas Aquino Creek Trail; Design and construct 1.2 miles of commuter/transportation trail, pedestrian bridge, and underpasses with safety and	Expansion	SCL050082	8	\$63	\$8,538
SCL	San Jose	Local Road	San Jose Charcot Avenue Extension Over I-880	San Jose: Charcot Avenue Extension over I-880; Extend new 2-lane roadway with bike lanes and sidewalks providing new multi-modal connection to the North San Jose employment center.	Expansion	SCL090003	4	\$3,200	\$30,200
SCL	San Jose	Local Road	Coleman Avenue Widening from I-880 to Taylor St.	In San Jose: Coleman Ave from I-880 to Taylor St: Widen from 4 to 6 lanes.	Expansion	SCL090005	4	\$3,000	\$13,000
SCL	San Jose	Local Road	San Jose North 1st Street Core Area Streets Imps.	In San Jose: Improve the North 1st Street "core area grid."	Expansion	SCL090007	4	\$900	\$61,000
SCL	San Jose	Local Road	Montague Expwy Widening - Lick Mill-Trade Zone	In San Jose: On Montague Expressway between Lick Mill and Trade Zone: widen to 8 lanes.	Expansion	SCL090010	5	\$1,500	\$13,500
SCL	San Jose	Local Road	San Jose - Autumn Street Extension	In San Jose: Autumn St between Julian Street and San Carlos Street: Widen, partially realign, and extend Autumn Street to adequately accommodate projected traffic demand.	Expansion	SCL110006	5	\$7,000	\$17,300
SCL	San Jose	Local Road	San Jose: Los Gatos Creek Reach 5 Underpass	In San Jose: Los Gatos Creek Trail between Auzerais Ave and Montgomery/Bird Ave. Construct Los Gatos Creek Trail (Reach 5b/c).	Expansion	SCL110029	4	\$1,100	\$4,550
SCL	San Jose	Local Road	Park Avenue Multi-Modal Improvements	In San Jose: Improve pedestrian and bicycle facilities along Park Avenue between Hedding and Montgomery Streets	Expansion	SCL110117	4	\$1,583	\$1,820
SCL	San Jose	Local Road	St. John Street Multi-Modal Improvements - Phase 1	In San Jose: Along St John Street between North Market Street and North Almaden Boulevard and along North Almaden Boulevard between West Julian Street and Carlyle Street: Improve bicycle and	Expansion	SCL110118	4	\$1,662	\$1,876
SCL	San Jose	Local Road	San Jose Citywide Bikeway Program	In San Jose: Various locations: Fill existing gaps in Class II and Class III bicycle facilities	Expansion	SCL130004	2	\$1,299	\$1,456
SCL	San Jose	Local Road	St. Johns Bikeway and Pedestrian Improvements	San Jose: On St. John Street from North Montgomery Street to North First Street: Fill bikeway and sidewalk gaps and modify signals	Expansion	SCL130011	3	\$1,185	\$1,500
SCL	San Jose	Local Road	East San Jose Bikeways	East San Jose: Various locations: make improvements to the bikeway network including the installation of new bikeways, traffic calming features, public bike racks, bike-friendly signal detection and	Expansion	SCL130016	2	\$2,000	\$2,532
SCL	San Jose	Local Road	US 101 Zanker Road /North 4th Street/Skyport Drive	In San Jose: At U.S. 101/Zanker Road/Skyport Drive/Fourth Street: Improve interchange, add a connection between Zanker Road and Skyport Drive and Fourth Street supporting North San Jose Development	Expansion	SCL130047	2	\$2,000	\$112,000
SCL	San Jose	Local Road	San Jose Citywide Pavement Management Program	San Jose: Various Streets and roads: rehabilitate roadways	Main/Rehab	SCL130005	3	\$12,503	\$13,103
SCL	San Jose	Local Road	Downtown San Jose Bike Lanes and De-couplet	In San Jose: Conversions of one-way couplets to two-way streets; reduce lanes; add bike lanes along 10th/11th Streets, Almaden/Vine, and 2nd/3rd Streets.	SystMgmt	SCL090004	6	\$2,815	\$19,815
SCL	San Jose	Local Road	San Jose: Various Intersection Improvements	In San Jose: Construct various intersection improvements.	SystMgmt	SCL090008	4	\$2,800	\$29,000
SCL	San Jose	Local Road	Innovative Bicycle Detection System	San Jose: Test technologies on San Fernando Street and William/Bollinger streets, identify "best" technology, implement on additional city bikeways.	SystMgmt	SCL110016	4	\$0	\$1,871
SCL	San Jose	Local Road	San Jose - San Carlos Multimodal Phase 2	In San Jose: Along the south side of San Carlos Street between Second Street and Market Street: pedestrian-oriented improvements.	SystMgmt	SCL110034	8	\$0	\$3,697

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SCL	San Jose	Local Road	San Jose Walk N Roll - Safe Access	35 schools in San Jose: Encourage and promote pedestrian and bicycle safety along SRTS by installing low cost enhancements. Project is phased	SystMgmt	SCL110057	6	\$0	\$653
SCL	San Jose	Local Road	San Jose Citywide SRTS Program	San Jose: Near various schools: Implement bike/ped improvements such as traffic control and guide signs, enhanced crosswalks and other improvements that encourage bicycling and walking to school.	SystMgmt	SCL130006	2	\$1,133	\$1,307
SCL	San Jose	Local Road	Jackson Ave Bicycle and Pedestrian Improvements	In San Jose: Jackson Ave between McKee Rd and Alum Rock Ave: Construct pedestrian safety and transit access enhancements including two new traffic signals and the modification of one existing signal.	SystMgmt	SCL130007	4	\$1,234	\$1,899
SCL	San Jose	Local Road	San Jose Walk N' Roll Phase II	San Jose: At up to 30 schools: Non-Infrastructure Safe Routes to School project to encourage and promote mode shift to walking and biking.	SystMgmt	SCL130008	2	\$0	\$1,000
SCL	San Jose	Local Road	San Jose Pedestrian Oriented Traffic Signals	In San Jose: At various key intersections: implement traffic signal controlled crossings	SystMgmt	SCL130010	3	\$1,899	\$3,798
SCL	San Jose	Local Road	The Alameda Grand Blvd. Phase 2	San Jose: On the Alameda between Newhall to Fremont: Provide pedestrian infrastructure improvements such as enhanced and new crosswalks, signal mods, enhanced center line median, curb ramps,	SystMgmt	SCL130012	4	\$3,500	\$4,430
SCL	San Jose	Local Road	San Jose Smart Intersections Program	In San Jose: At various locations along Tully Road and Saratoga Avenue: Upgrades traffic signal controls to include adaptive traffic control to minimize vehicle conflicts, vehicle queues and delays by	SystMgmt	SCL130036	2	\$1,307	\$1,307
SCL	San Jose	Public Lands/Trails	Almaden Expressway Trail	San Jose: Near Almaden Expressway: Develop a surface trail connection to link Guadalupe Creek to nearby trails and the Almaden Light Rail Station	Expansion	SCL050039	11	\$1,500	\$2,192
SCL	San Jose	Public Lands/Trails	Coyote Creek Trail	In San Jose: from Highway 237 to Story Road: Master plan entire system, design and construction of the trail.	Expansion	SCL050083	8	\$0	\$34,480
SCL	San Jose	Public Lands/Trails	Coyote Creek Trail Reach 5.3 (Brokaw to UPRR)	San Jose: Along Coyote Creek between Brokaw and UPRR: Construct 1500' paved trail, with gateways, underpass beneath UPRR, mitigation landscaping and miscellaneous improvements	Expansion	SCL150002	1	\$805	\$2,945
SCL	San Jose	State Highway	US 101 / Blossom Hill I/C Reconst & Road Widening	San Jose: US-101/Blossom Hill Rd interchange: widen Blossom Hill Road and reconstruct interchange to provide an additional lane in each direction, including the bridge structure over US-101 plus other	Expansion	SCL030006	7	\$1,833	\$15,000
SCL	San Jose	State Highway	US 101 / Mabury New Interchange	In San Jose: US 101/Mabury interchange: Construct full interchange.	Expansion	SCL070004	6	\$1,000	\$20,750
SCL	San Jose	State Highway	I-880/Montague Expressway interchange Improvements	In San Jose: Construct I-880/Montague Expressway interchange Improvements.	Expansion	SCL090015	4	\$3,000	\$14,340
SCL	San Jose	State Highway	US 101 SB Trimble Road/De La Cruz Boulevard/Centra	In Santa Clara: Modifies existing loop cloverleaf ramp from SB US 101 to Trimble Rd into a partial cloverleaf ramp.	SystMgmt	SCL090025	5	\$1,000	\$34,000
SCL	San Jose	Transit	San Jose International Airport People Mover	In San Jose: Provide an automated transit service that connects the San Jose Mineta International Airport to VTA's Guadalupe LRT, Caltrain and future BART stations as well as provide circulation within the	Expansion	SCL090019	5	\$2,000	\$508,000
SCL	Santa Clara Co	Local Road	Montague Expwy Widening - Trade Zone-I-680	In Santa Clara County: Widen Montague Expressway between Trade Zone and I-680.	Expansion	SCL090017	4	\$1,000	\$15,540
SCL	Santa Clara Co	Local Road	San Tomas Expressway Widening	In Santa Clara County: Widen San Tomas Expressway between El Camino Real and Williams Road including adding sidewalks. Project is phased.	Expansion	SCL110007	5	\$2,000	\$56,100
SCL	Santa Clara Co	Local Road	East San Jose Pedestrian Improvements	East San Jose: Various Roads: Fill in sidewalk gaps and provide ADA enhancements within existing rights-of-way	Expansion	SCL110121	4	\$2,340	\$2,660

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SCL	Santa Clara Co	Local Road	Santa Clara County NonInfrastructure SRTS Program	In Santa Clara County: Non-Infrastructure Safe Routes to school (SRTS) education and encouragement services for schools; county-wide communication, outreach, & training for parents & providers	Expansion	SCL130021	2	\$838	\$838
SCL	Santa Clara Co	Local Road	San Tomas Aquino Spur Multi-Use Trail Phase 2	In Santa Clara: From El Camino Real/SR 82 to Homestead Road: Construct San Tomas Aquino Spur Trail Phase 2	Expansion	SCL130022	3	\$4,594	\$4,994
SCL	Santa Clara Co	Local Road	San Tomas Expressway Box Culvert Rehabilitation	In Santa Clara: Design, environmental clearance, and construction for rehabilitating the box culvert under San Tomas Expressway.	Maint/Rehab	SCL090002	8	\$0	\$9,617
SCL	Santa Clara Co	Local Road	Isabel Bridge Replacement (37C0089)	In Santa Clara County: Isabel Bridge (Bridge No. 37C0089) on San Antonio Valley Road, 8.3 miles east of Kincaid Rd: Replace existing one lane bridge with a two-lane bridge	Maint/Rehab	SCL110108	6	\$4,300	\$5,030
SCL	Santa Clara Co	Local Road	Central Expressway Auxiliary Lanes	Santa Clara County: On Central Expressway between Lawrence Expressway and Mary Avenue: Design, environmental clearance and construction to add auxiliary lanes	SystMgmt	SCL070049	8	\$0	\$17,000
SCL	Santa Clara Co	Local Road	Page Mill Road/I-280 Interchange Reconfiguration	In Santa Clara County: modify I-280/Page Mill Road interchange.	SystMgmt	SCL110004	3	\$2,100	\$7,820
SCL	Santa Clara Co	Local Road	Capitol Expressway ITS and Bike/Ped Improvements	In San Jose: Capitol Expressway: Upgrade traffic signals and ITS infrastructure and install pedestrian sensors and bike detection at all intersections to allow traffic responsive and adaptive signal timing and	SystMgmt	SCL130037	3	\$8,700	\$10,134
SCL	Santa Clara Co	State Highway	US 101/Montague Expressway Interchange	Santa Clara County: US101/Montague Expressway Interchange: Reconfigure current interchange into a "parclo" interchange	Expansion	SCL090027	4	\$3,500	\$13,500
SCL	Saratoga	Local Road	Highway 9 Safety Improvements	In Saratoga: Install pedestrian pathways on one side of Highway 9. (This project also references RTP ID 240746)	SystMgmt	SCL070050	9	\$1,084	\$2,626
SCL	Saratoga	Local Road	Prospect Rd Complete Streets	Saratoga: Prospect Road between Saratoga/Sunnyvale Rd and Lawrence Expressway and on Saratoga Ave between Highway 85 to the City Limits to the north (Lawrence Expressway): Reduce roads width to	SystMgmt	SCL130026	2	\$4,500	\$4,765
SCL	Saratoga	State Highway	Saratoga Village Sidewalk Rehabilitation	In Saratoga: Along Big Basin Way between 6th street and Hwy 9: Rehabilitate sidewalk.	Maint/Rehab	SCL130027	3	\$183	\$202
SCL	Sunnyvale	Local Road	Fair Oaks Avenue Bikeway and Streetscape	In Sunnyvale: Various Locations on Fair Oaks Avenue: Construct bike lanes and associated medians.	Expansion	SCL130029	2	\$1,210	\$1,210
SCL	Sunnyvale	Local Road	Duane Avenue Roadway Preservation	In Sunnyvale: On Duane Ave between San Juan Avenue and Stewart Drive: Rehabilitate pavement, curb and gutter	Maint/Rehab	SCL130033	2	\$1,464	\$1,800
SCL	Sunnyvale	Local Road	SR 237/US 101/Mathilda Interchange Modifications	In Sunnyvale: Modify US 101/Mathilda and SR 237/Mathilda interchanges to relieve congestion and improve local circulation.	SystMgmt	SCL130001	2	\$2,000	\$15,000
SCL	Sunnyvale	Local Road	Sunnyvale/Saratoga Road Bike/Ped Safety Enhancmts.	Sunnyvale: On Sunnyvale-Saratoga Road at Mathilda and at El Camino Real: Install pedestrian signal and modify intersection to eliminate free right turns and reduce crosswalk length.	SystMgmt	SCL130028	3	\$614	\$614
SCL	Sunnyvale	Local Road	Maude Avenue Bikeway and Streetscape	Sunnyvale: On Maude Avenue between Mathilda Avenue and Fair Oaks Avenue: Install medians, modify roadway geometry and stripe bike lanes.	SystMgmt	SCL130030	2	\$830	\$830
SCL	Sunnyvale	Local Road	Sunnyvale SRTS Ped Infrastructure Improvements	In Sunnyvale: At 17 school sites: Install pedestrian enhancements for school route intersections	SystMgmt	SCL130032	2	\$1,569	\$1,900
SCL	Sunnyvale	Public Lands/Trails	Sunnyvale East and West Channel Multi-Use Trails	In Sunnyvale: Various locations on the Sunnyvale East Channel: construct multi-use paved trails. This project is phased.	Expansion	SCL130031	2	\$4,345	\$4,745
SCL	VTA	Local Road	Santa Clara Caltrain Station Bike/Ped Tunnel	In Santa Clara: extend a grade-separated pedestrian tunnel at the Santa Clara Caltrain station.	Expansion	SCL090031	6	\$7,324	\$11,384
SCL	VTA	Local Road	Regional Planning Activities and PPM - Santa Clara	Santa Clara: Regional Planning Activities and Planning, Programming and Monitoring	SystMgmt	SCL090035	13	\$3,161	\$18,572

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SCL	VTA	Public Lands/Trails	Upper Penitencia Creek Multi-Use Trail	San Jose: Upper Penitencia Creek Trail from future Berryessa BART Station & planned Coyote Creek Trail system via San Jose Flea Market redevelopment site: Close gap in existing 5 mile trail, provide safe	Expansion	SCL130020	3	\$0	\$2,124
SCL	VTA	State Highway	I-880 Coleman Avenue I/C Reconfiguration	In San Jose: I-880@Coleman; Reconst. Coleman Ave. bridge & realign, reconst. all ramps accessing I-880; add new direct connector ramp to SB I-880 from Airport & Newhall plus landscaping (Garvee	Expansion	SCL010019	17	\$0	\$78,044
SCL	VTA	State Highway	SR-152/SR-156 Interchange Improvements	SR-152/SR-156: WB SR-152 to SB-SR-156; Construct a flyover and other improvements at the interchange. Perform PA/ED studies for capacity improvements needed for the 152/156 interchange. HPP	Expansion	SCL010040	18	\$0	\$44,983
SCL	VTA	State Highway	Garvee Debt. Srv. - SCL010019, SCL990030-31	Santa Clara County: Garvee Debt Service Payment for issue of bonds for the State Route 87 HOV projects (SCL990031 and SCL010019 & SCL990030), and I-880/Coleman.	Expansion	SCL030012	9	\$16,100	\$173,967
SCL	VTA	State Highway	New SR152 Alignment Study	Santa Clara/ San Benito counties: Complete PA&ED for new alignment of SR152 between US101 and SR156 in Santa Clara and San Benito counties.	Expansion	SCL090016	6	\$0	\$10,000
SCL	VTA	State Highway	SR 85 Express Lanes	In Santa Clara County: Implement roadway pricing on SR 85 carpool lane. Construct additional express lane in each direction between I-280 and Route 87 and add aux lane on 85.	Expansion	SCL090030	9	\$2,000	\$170,000
SCL	VTA	State Highway	Santa Clara County - US 101 Express Lanes	Santa Clara County: US 101 from Dunne Ave in Morgan Hill to San Mateo county line in Palo Alto: Convert existing US 101 HOV lane to express lane, add a second express lane and add SB aux lanes	Expansion	SCL110002	4	\$2,000	\$425,000
SCL	VTA	State Highway	SR 237 Express Lanes: Zanker Rd to Mathilda Ave	In Santa Clara County: Implement roadway pricing on SR 237 carpool lane.	Expansion	SCL110008	5	\$1,900	\$16,000
SCL	VTA	State Highway	SR 237 Express Lanes : Mathilda Avenue to SR 85	In Santa Clara County: Build new HOV/express lanes on SR 237 between Mathilda Avenue and SR 85.	Expansion	SCL130002	2	\$5,200	\$83,790
SCL	VTA	State Highway	I-880 Stevens Creek Landscaping	In San Jose, at the I-880/Stevens Creek interchange provide landscaping.	SystMgmt	SCL130044	2	\$3,000	\$3,871
SCL	VTA	State Highway	I-680 Soundwalls - Capitol Expwy to Mueller Ave	San Jose: on I-680 corridor between Capitol Expressway and Mueller Avenue: Construct soundwalls	SystMgmt	SCL150001	1	\$597	\$4,456
SCL	VTA	Transit	BART - Berryessa to San Jose Extension	BART: Extend BART from Berryessa Station to San Jose and Santa Clara. (Please see expanded project description for more details.)	Expansion	BRT030001	16	\$18,672	\$3,962,300
SCL	VTA	Transit	Capitol Expressway LRT Extension-Phase II	In the East Valley: The Capitol Avenue light rail line from the existing Alum Rock Transit Center to a rebuilt Eastridge Transit Center (2.6 miles): provide light rail extension	Expansion	SCL050009	12	\$0	\$293,900
SCL	VTA	Transit	Santa Clara/Alum Rock Transit Improvement/BRT	In San Jose: Implement BRT improvements in the Santa Clara/Alum Rock route for BRT lines 522 and 523, including: dedicated guideways, signal prioritization, ticket vending machines, premium BRT	Expansion	SCL090001	6	\$0	\$115,263
SCL	VTA	Transit	LRT Extension to Vasona Junction	In Campbell: Extend the light-rail line from the existing Winchester Station to a new Vasona Junction Station, near Route 85.	Expansion	SCL090040	4	\$3,000	\$176,000
SCL	VTA	Transit	BART - Warm Springs to Berryessa Extension	In Santa Clara County: This project will extend BART from Warm Springs to the future Berryessa Station in San Jose, California.	Expansion	SCL110005	9	\$1,163,775	\$2,521,900
SCL	VTA	Transit	El Camino Real Bus Rapid Transit	In Santa Clara County: Implement Bus Rapid Transit improvements on El Camino Real/The Alameda including: dedicated guideways, signal prioritization, low-floor boarding, ticket vending machines,	Expansion	SCL110009	4	\$0	\$233,700

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SCL	VTA	Transit	VTA: Stevens Creek Bus Rapid Transit	Implement Bus Rapid Transit improvements in the Stevens Creek corridor including: dedicated guideways, signal prioritization, low-floor boarding, ticket vending machines, premium BRT stations, real-	Expansion	SCL110010	6	\$0	\$161,507
SCL	VTA	Transit	Montague Expy Ped Bridge at Milpitas BART Study	In Milpitas: Final Engineering and Environmental Clearance of a pedestrian bridge over Montague Expressway, PE only	Expansion	SCL130040	2	\$0	\$841
SCL	VTA	Transit	Mountain View Double Track Improvements - Phase II	Mountain View: On the Mountain View to Winchester Light Rail Transit line from the west side of the State Route 85 overcrossing to Whisman Station: Double track the current single track section	Expansion	SCL150003	1	\$24,700	\$30,000
SCL	VTA	Transit	VTA - Standard & Small Bus Replacement	VTA: Standard and Small Bus Replacement	Maint/Rehab	SCL050001	15	\$0	\$122,929
SCL	VTA	Transit	VTA - Rail Replacement Program	VTA: Rail Replacement Program throughout the Light Rail system (no rail expansion).	Maint/Rehab	SCL050002	17	\$0	\$24,370
SCL	VTA	Transit	VTA: Rail Substation Rehab/Replacement	VTA: Guadalupe Light Rail Corridor; Rehabilitate electrical elements (such as disconnect switches, DC breakers, etc.) of traction power substations.	Maint/Rehab	SCL050049	14	\$0	\$21,892
SCL	VTA	Transit	VTA: TP OCS Rehab & Replacement	VTA: Rehabilitate and replace overhead catenary system (OCS) and associated components	Maint/Rehab	SCL090044	8	\$0	\$9,085
SCL	VTA	Transit	VTA: Light Rail Bridge and Structure - SG Repair	Various Locations: Light rail bridge and structure defect investigation and repair. Stabilization measures to address Hamilton structure settlement.	Maint/Rehab	SCL110099	3	\$0	\$1,700
SCL	VTA	Transit	VTA: Kinkisharyo LRV Overhaul Program	VTA: Scheduled overhaul of Kinkisharyo Light Rail Vehicles.	Maint/Rehab	SCL110100	3	\$0	\$1,287
SCL	VTA	Transit	VTA: LRV Body Shop Dust Separation Wall	At the Guadalupe Operations Division: Install a dust separation wall in the light rail vehicle body shop.	Maint/Rehab	SCL110101	3	\$0	\$693
SCL	VTA	Transit	VTA: LRV Maintenance Shop Hoist	VTA: In the LRV Maintenance shop, add an in-floor light rail vehicle hoist. The hoist will supplement existing hoist for additional capacity.	Maint/Rehab	SCL110102	3	\$0	\$3,437
SCL	VTA	Transit	VTA: Update Santa Teresa Interlock Signal House	VTA: Update Santa Teresa Interlock Signal House to facilitate train movements.	Maint/Rehab	SCL110103	4	\$0	\$2,160
SCL	VTA	Transit	VTA: Light Rail Track Crossovers and Switches	VTA: In the light rail system: Add light rail crossovers and switches to priority areas where crossovers are not currently available to enhance operational flexibility.	Maint/Rehab	SCL110104	3	\$0	\$724
SCL	VTA	Transit	VTA: LR Signal Assessment / SCADA Replacement	VTA: On the Guadalupe Light Rail Operating Division; Light Rail Signal Assessment / SCADA System Replacement.	Maint/Rehab	SCL110105	3	\$0	\$3,500
SCL	VTA	Transit	VTA: Preventive Maintenance	VTA: Preventive Maintenance of agency's fleet.	Maint/Rehab	SCL990046	36	\$0	\$571,642
SCL	VTA	Transit	VTA: ADA Operating Set Aside	VTA: ADA operating assistance set aside.	Operations	SCL050046	15	\$0	\$39,434
SCL	VTA	Transit	VTA: ADA Bus Stop Improvements	VTA: Various Locations: Construct ADA bus stop improvements. Improvements include wheelchair access improvements and improved lighting and signage. [Transit Enhancement]	SystMgmt	SCL050045	16	\$0	\$4,088
SCL	VTA	Transit	VTA: Renewable Energy Conversion Project	In Mountain View: North Bus Operating Division; Convert to solar power. The photovoltaic system will offset 100 percent of the electricity use at this facility.	SystMgmt	SCL090041	4	\$0	\$938
SCL	VTA	Transit	VTA: San Jose High Volume Bus Stop Upgrade	In San Jose: VTA bus stops; Expand and enhance existing and/or construct new bus stops at high-volume locations.	SystMgmt	SCL090043	5	\$0	\$750
SCL	VTA	Transit	VTA: Light Rail Transit Signal Priority Improvement	In Santa Clara County: implement a real-time, reliable transit signal prioritization and light rail vehicle detection system.	SystMgmt	SCL110119	4	\$0	\$1,793
Totals for Santa Clara County								\$1,395,278	\$10,612,631

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SOL	Benicia	Local Road	Benicia Safe Routes to Schools Infrastructure Imps	Benicia: In the vicinity to Robert Semple School, at the parking lot adjacent to Matthew Turner School, and on Southampton Road in front of Benicia Middle School. Construct sidewalks	Expansion	SOL130009	2	\$0	\$124
SOL	Benicia	Local Road	Benicia - East 2nd Street Preservation	In Benicia: East 2nd Street. Between Lake Herman and Military: Patch and resurface roadway	Maint/Rehab	SOL130008	2	\$0	\$569
SOL	Benicia	Transit	Military/Southampton & Military/First Intermodal	Benicia: On Military West and Southampton Avenue and on Military and First Street; construct intermodal facilities (Construct parking lot and transit transfer area).	Expansion	SOL010031	10	\$0	\$3,000
SOL	Benicia	Transit	Benicia Industrial Park Bus Hub Project	In Benicia: Plan and construct a bus hub station in the Benicia Industrial Park for the I-680 corridor and northern Benicia for transit service across the Benicia-Martinez Bridge into Contra Costa County and	Expansion	SOL110008	4	\$0	\$1,250
SOL	Caltrans	State Highway	I-80 Alamo Creek On-Ramp and Bridge Widening	Route 80: In Vacaville, west of Alamo Creek Bridge to Alamo west-bound on-ramp. Lengthen on-ramp and widen bridge.	Expansion	SOL070002	5	\$0	\$3,924
SOL	Caltrans	State Highway	I-80/I-680 Aux Lanes Improvement Landscaping	Fairfield: I-80/I-680 Connector improvements and auxiliary lanes landscaping.	SystMgmt	SOL050003	8	\$0	\$2,544
SOL	Dixon	Local Road	West A Street Preservation	Dixon: On West A Street from Pitt School Rd to I-80: Rehabilitate the roadway, and remove and replace concrete curb, gutter and sidewalk	Maint/Rehab	SOL130013	2	\$660	\$726
SOL	Dixon	Local Road	Dixon SR2S Infrastructure Improvements	Dixon: Various locations along safe routes to schools: Implement pedestrian and bicycle improvements	SystMgmt	SOL130012	2	\$125	\$125
SOL	Fairfield	Local Road	Beck Avenue Preservation	In Fairfield: On Beck Avenue between State Highway 12 and W. Texas Street; Rehabilitate roadway including stripping for class 3 bike path.	Maint/Rehab	SOL130002	2	\$1,800	\$1,980
SOL	Fairfield	Transit	Fairfield/Vacaville Intermodal Rail Station	In Fairfield: Capitol Corridor; Construct train station with passenger platforms, pedestrian undercrossing, highway overcrossing, park and ride lot/bike and other station facilities. Project is phased.	Expansion	SOL030002	21	\$21,950	\$80,545
SOL	Fairfield	Transit	Fairfield Transportation Center - Phase 3	In Fairfield: Fairfield Transportation Center; Construct second parking structure with approximately 600 automobile parking spaces and access improvements.	Expansion	SOL110007	3	\$800	\$8,523
SOL	FHWA	Local Road	San Pablo Bay Entrance Rehabilitation	Solano County: San Pablo Bay: Rehabilitate entrance road 0.6 miles.	Maint/Rehab	SOL030015	8	\$0	\$625
SOL	F-S Transit	Transit	Fairfield Transit: 1 Gillig Bus Replacement	Fairfield-Suisun Transit: Replace a 1996 Gillig bus with a new 40' transit hybrid bus	Maint/Rehab	SOL110041	5	\$0	\$706
SOL	F-S Transit	Transit	Fairfield-Suisun Transit: Operating Assistance	Fairfield-Suisun Transit: Operating Assistance to support transit operations.	Operations	SOL010006	26	\$0	\$49,054
SOL	F-S Transit	Transit	Oliver Road Park and Ride	In Fairfield off I-80 - Oliver Road park and ride will increase options for regional commuters (e.g., van pool pick up) and reduce parking congestion at the Fairfield Transportation Center.	SystMgmt	SOL130001	2	\$628	\$1,943
SOL	MTC	Local Road	Regional Planning Activities and PPM - Solano	Solano: Regional Planning Activities and Planning, Programming and Monitoring (PPM)	SystMgmt	SOL090006	15	\$766	\$8,642
SOL	MTC	State Highway	I-80 Express Lanes - Fairfield & Vacaville Ph I&II	I-80 in Solano County from Red Top Rd to I-505: Convert existing HOV to HOT & Construct new HOT lanes from Air Base Parkway to I-505. Project also references RTP ID 230660	Expansion	SOL110001	5	\$2,000	\$236,800
SOL	Rio Vista	State Highway	SR 12 crossing with updated lighting	In Rio Vista: At SR12 crossing: Install new updated lighted crosswalk	SystMgmt	SOL130014	2	\$115	\$130
SOL	Solano County	Local Road	Cordelia Hills Sky Valley	Cordelia Hill: Transportation enhancements including upgrade of pedestrian and bicycle corridors including open space acquisition along Cordelia Hill Sky Valley and McGary Road. Project is predominantly	Expansion	SOL070012	8	\$0	\$2,750

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SOL	Solano County	Local Road	Travis AFB: South Gate Improvement Project	Fairfield: Petersen Road by Travis Air Force Base; Between Walters Road to Travis AFB. Widen roadway to standard lane width, including shoulder and other safety improvements (truck stacking). No new	Expansion	SOL070021	13	\$0	\$2,547
SOL	Solano County	Local Road	Suisun Valley Bicycle and Pedestrian Imps	Solano County: At Mankas Corner: Construct staging area with bicycle and pedestrian improvements; At Various Locations in Solano County: Add a Class II bike lane to enhance bike access to areas	Expansion	SOL130007	2	\$1,047	\$1,327
SOL	Solano County	Local Road	Roadway Preservation in Solano County	Solano County: Various streets: Pavement resurfacing and/or rehabilitation including: Overlay, widen pavement surface with no added capacity, stripe and add signs. Project is phased	Maint/Rehab	SOL110036	6	\$680	\$1,693
SOL	Solano County	Local Road	Vacaville-Dixon Bicycle Route (Phase 5)	Vacaville and Dixon: On both sides of Hawkins Road from Leisure Town Road (western terminus) to Pitt School Road (eastern terminus); Class 2 bicycle lanes. Phase 1 from Pitt School to Fox Rd. Remaining	SystMgmt	SOL090035	8	\$1,966	\$2,881
SOL	Solano County	State Highway	Redwood-Fairgrounds Dr Interchange Imps (Study)	Near Vallejo: Btw SR 37 & Carquinez Bridge; Conduct study to determine the feasibility of constructing expanded I-80 Redwood St/Fairgrounds Dr. Interchange and parkway improvements. PSE, PE and Env.	Expansion	SOL090015	5	\$0	\$1,609
SOL	SolTrans	Transit	SolTrans: Preventive Maintenance	SolTrans: Preventive maintenance of vehicles and equipment necessary for the maintenance of federally funded assets.	Maint/Rehab	SOL070032	9	\$0	\$2,131
SOL	SolTrans	Transit	SolTrans: Bus Maintenance Facility Renovation	SolTrans: Bus Maintenance Facility Renovation	Maint/Rehab	SOL090033	8	\$0	\$3,688
SOL	SolTrans	Transit	Bus Replacement (Alternative Fuel)	SolTrans: Replace (4) 45" MCI commuter coaches as they reach their useful life.	Maint/Rehab	SOL090034	11	\$0	\$3,458
SOL	SolTrans	Transit	Bus Replacement (Local)	SolTrans: Replace four 40' diesel buses which have reached the end of their useful service life with four 40' diesel electric hybrid buses	Maint/Rehab	SOL130019	2	\$0	\$1,953
SOL	SolTrans	Transit	SolTrans: ADA Paratransit Operating Subsidy	SolTrans: ADA Paratransit Operating Subsidy	Operations	SOL110025	7	\$0	\$2,313
SOL	SolTrans	Transit	SolTrans: Capital Maintenance - Fuel	SolTrans: Fuel allowance project through the FTA "Fuel as Capital Maintenance" program	Operations	SOL110033	3	\$0	\$401
SOL	SolTrans	Transit	SolTrans: Operating Assistance	Solano County Transit: Operating Assistance	Operations	SOL110040	7	\$0	\$15,008
SOL	SolTrans	Transit	SolTrans: AVL Technology	SolTrans: Upgrade communication devices, such as AVL, GPS and other.	SystMgmt	SOL090028	6	\$0	\$2,160
SOL	SolTrans	Transit	SolTrans: Technology Enhancements	SolTrans: System-wide: technology enhancements to be used for farebox upgrades, video security cameras, communications system, and IT equipment.	SystMgmt	SOL110038	4	\$0	\$94
SOL	STA	Local Road	Jepson: Vanden Road from Peabody to Leisure Town	Jepson Parkway segment: Vanden Road project from Peabody Road to Leisure Town Road.	Expansion	SOL110003	7	\$21,756	\$30,456
SOL	STA	Local Road	Jepson: Walters Rd Ext - Peabody Rd Widening	Jepson Parkway segment: Walters Road Extension - Peabody Widening.	Expansion	SOL110004	4	\$0	\$13,431
SOL	STA	Local Road	Jepson: Leisure Town Road from Vanden to Commerce	Jepson Parkway segment: Leisure Town Road from Vanden to Commerce	Expansion	SOL110005	7	\$26,142	\$28,068
SOL	STA	Local Road	Jepson: Leisure Town Road (Commerce to Orange)	Jepson Parkway segment: Leisure Town Road from Commerce Road to Orange. Project is phased	Expansion	SOL110006	5	\$1,967	\$12,322
SOL	STA	Local Road	Solano Safe Routes to School Program	In Solano County, Countywide: Implement Countywide Solano Safe Routes to School Program, including Planning, Education, and Encouragement events and materials.	SystMgmt	SOL110019	7	\$0	\$2,287
SOL	STA	Local Road	Local PDA Planning - Solano	Solano County Various Agencies: Planning assistance pass through to local jurisdictions to support transportation investments and improve their performance in Priority Development Areas (PDAs) and	SystMgmt	SOL110039	6	\$0	\$1,782

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SOL	STA	Local Road	Local PCA Planning - Solano	Solano County Various Agencies: Planning assistance pass through to local jurisdictions to support transportation investments and improve their performance in Priority Conservation Areas (PCAs)	SystMgmt	SOL130011	2	\$10	\$85
SOL	STA	State Highway	I-80/I-680/SR 12 Interchange Project	Fairfield: Improve I-80/I-680/Route 12 I/C(Ph 1), including connecting I-80 to SR 12 W, I-680 NB to SR 12W (Jameson Canyon), I-80 to I-680 (+ Express Lane Direct connectors), build local I/C and build	Expansion	SOL070020	10	\$0	\$717,920
SOL	STA	Transit	Eastern Solano / S/NCI Rideshare Program	Eastern Solano Air Basin (Sacramento Valley Air Basin - Solano/Napa Commuter Info): Encourage ridesharing activities within the Eastern Solano County Region.	SystMgmt	SOL110020	4	\$0	\$1,105
SOL	STA	Transit	Solano Transit Ambassador Program	In Solano County: System-wide: Travel training for people to use fixed-route public transportation, with focus on seniors and people with disabilities.	SystMgmt	SOL130010	2	\$0	\$282
SOL	Suisun City	Local Road	Grizzly Island Trail - Phase 1	In Suisun City: On State Route (SR) 12 between Grizzly Island Road and Marina Boulevard; Design and construct a Class I Path, then south along Marina Boulevard to Driftwood Drive.	Expansion	SOL110012	5	\$0	\$2,164
SOL	Suisun City	Local Road	Driftwood Drive Path	Suisun City: Along the south side of Driftwood Drive from Marina Boulevard to Josiah Circle: Construct a Class I bicycle/pedestrian trail	Expansion	SOL130020	2	\$399	\$399
SOL	Suisun City	Local Road	Walters Road-Pintail Drive Preservation	In Suisun City: On Walters Road between Petersen Road and Bella Vista and Pintail Drive between Walters Road and Blackspur Drive: rehabilitate roadway.	Maint/Rehab	SOL130004	3	\$0	\$417
SOL	Suisun City	Transit	Suisun-Fairfield Intercity Rail Station Access Imp	In Suisun City: On Main Street at Suisun-Fairfield Train Depot: Make bike/ped upgrades and enhancements to building and surrounding site.	SystMgmt	SOL130003	4	\$507	\$631
SOL	Vacaville	Local Road	Allison Bicycle / Ped Improvements	Vacaville: On Allison Drive from Nut Tree Parkway to Ulatis Creek: Install bike/ped infrastructure and a marquee sign.	Expansion	SOL130005	2	\$435	\$511
SOL	Vacaville	Local Road	Ulatis Creek Bike/Ped Path & Scope McCellan-Depot	Vacaville: Along Ulatis Creek between the end of the Vacaville Downtown Creekwalk at McClellan Street to Depot Street: Construct a Class 1 off-street bike/pedestrian path.	Expansion	SOL130006	2	\$395	\$565
SOL	Vacaville	Local Road	Vacaville Various Street and Roads Preservation	In Vacaville: Various Roads: Pavement Preservation	Maint/Rehab	SOL110043	5	\$0	\$1,451
SOL	Vacaville	Local Road	Vacaville Transit - Curb Ramps	Vacaville Transit: Construct approximately 16 curb ramps near transit routes.	SystMgmt	SOL110034	4	\$50	\$50
SOL	Vacaville	Local Road	Vacaville SRTS Infrastructure Improvements	In Vacaville: In the vicinity of Vacaville High and Foxboro Elementary: Construct capital improvements including sidewalk, curb ramps and extensions, crosswalks, bike network improvements and signage	SystMgmt	SOL130016	3	\$313	\$343
SOL	Vacaville	State Highway	I-505/Vaca Valley Off-Ramp and Intersection Imprv.	Vacaville: I-505 at Vaca Valley Pkwy: Widen the southbound I-505 off-ramp at Vaca Valley Parkway to provide left turn storage and signalize the southbound ramps at the intersection of Vaca Valley	Expansion	SOL090001	4	\$0	\$1,540
SOL	Vacaville	Transit	Vacaville Intermodal Station - Phase 2	In Vacaville: Construction of a three to four story, approximately 400 space, parking garage.	Expansion	SOL130009	3	\$0	\$11,210
SOL	Vacaville	Transit	Vacaville Transit: Procure 3 Fixed Route Buses	Vacaville Transit: Procure three (3) additional 35 foot, low-floor, Compressed Natural Gas (CNG) buses.	Expansion	SOL110042	5	\$0	\$1,590
SOL	Vacaville	Transit	Procure 3 Low Floor Paratransit Buses	City of Vacaville: Procure three (3) new low-floor paratransit buses for use throughout the city	Expansion	SOL130018	2	\$0	\$493
SOL	Vacaville	Transit	Vacaville: Purchase bus shelters	Vacaville: Purchase bus shelters	Maint/Rehab	SOL97AM70	12	\$0	\$882

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SOL	Vacaville	Transit	Purchase Transit Equipment - Fareboxes and Tools	Vacaville: Operating assistance to insure all equipment including electronic fare boxes, and tools are maintained in a safe & efficient manner. Equipment includes, wrenches, power tools, and all mechanic	Maint/Rehab	SOL991099	17	\$0	\$423
SOL	Vacaville	Transit	Vacaville Transit: Operating Assistance	Vacaville Transit: Operating Assistance	Operations	SOL010007	19	\$0	\$15,529
SOL	Vacaville	Transit	Transit Marketing and Public Outreach	Vacaville: Citywide: Marketing and public outreach of City Coach transit benefits	SystMgmt	SOL130017	3	\$215	\$215
SOL	Vacaville	Transit	Vacaville: Bus maintenance facility upgrades	Vacaville: Bus maintenance & facility upgrades.	SystMgmt	SOL950024	12	\$0	\$1,699
SOL	Vallejo	Local Road	Vallejo Downtown Streetscape	Vallejo: Various streets in the downtown area. Pedestrian enhancements including traffic calming, restriping, parking, signs, brick pavers, street furniture and art. Project is phased	SystMgmt	SOL110035	7	\$1,476	\$3,894
SOL	Vallejo	Local Road	Vallejo SRTS Infrastructure Improvements	In Vallejo: In the vicinity of Wardlaw and Cooper Elementary Schools: Implement safety improvements including striping and signage improvements	SystMgmt	SOL130015	2	\$280	\$280
SOL	Vallejo	State Highway	I-80 / American Canyon Rd overpass improvements	Vallejo: American Canyon Road overpass at Hwy. 80; capacity and safety improvements.	Expansion	SOL990018	9	\$0	\$5,230
SOL	Vallejo	State Highway	Sonoma Boulevard Improvements HSIP5-04-031	Vallejo: Sonoma Blvd between Georgia St and Florida St: Implement road diet - reduce travel lanes from 4 to 3, add a two-way left-turn lane or median, and add bike lanes	SystMgmt	SOL110037	3	\$0	\$352
SOL	Vallejo	Transit	Vallejo Curtola Transit Center	In Vallejo: Vallejo Curtola Transit Center: Construct intermodal facilities for express bus service.	Expansion	SOL050012	7	\$0	\$11,750
SOL	Vallejo	Transit	Vallejo Ferry Terminal (Intermodal Station)	Vallejo: Baylink Ferry Terminal; Construct new intermodal facility, including additional parking, upgrade of bus transfer facilities, and improvement to pedestrian access.	Expansion	SOL950035	25	\$0	\$79,130
SOL	WETA	Transit	North Bay Operations and Maintenance Facility	Vallejo: Mare Island Naval Shipyard at Building 165; Construct new maintenance facility for Vallejo Baylink ferry service.	Expansion	SOL991032	21	\$6,900	\$28,195
Totals for Solano County								\$93,383	\$1,421,903

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County	Sponsor	System	Project Title	Description	Purpose	TIP ID	Ver	Current 4-Year TIP Funding	Total Funding
SON	Caltrans	Local Road	Rehab King Ridge Bridge over Austin Crk 20C0433	In Sonoma County: On King Ridge Road, 2.3mi North of Fort Ross Road; rehabilitate one-lane bridge to 2 lanes and scour countermeasure	Expansion	SON070026	11	\$85	\$2,038
SON	Caltrans	State Highway	Son 101 HOV - SR 12 to Steele & Steele Lane I/C	In Santa Rosa: On 6th St. between Morgan St and Davis St: the construction of 280 feet of roadway with two new travel lanes and a westbound left turn lane; from SR 12 to Steele Lane: follow-up	Expansion	SON010001	19	\$2,367	\$6,063
SON	Caltrans	State Highway	HWY 101 HOV Lane 12/Steele - Follow-up College Ave	Sonoma County: College Ave at US 101: Widen College Avenue at Highway 101 Interchange.	Expansion	SON110001	4	\$0	\$9,348
SON	Caltrans	State Highway	Son 101 HOV - Rohnert Park Expwy to Santa Rosa Av	Rohnert Park: US 101 between Rohnert Park Expressway & Santa Rosa Avenue; Widen from 4 to 6 Lanes, Modify Wilfred Avenue Interchange, add Auxiliary lanes and other interchange improvements.	Expansion	SON950005	16	\$0	\$89,715
SON	Cloverdale	Local Road	Cloverdale - Safe Routes to School Phase 2	Cloverdale: Various Locations: Construct sidewalks and add Class II bike lanes	Expansion	SON130016	2	\$351	\$417
SON	Cotati	Local Road	Cotati - Old Redwood Highway S. Preservation	In Cotati: On Old Redwood Highway, between East Cotati and Myrtle Avenue; rehabilitate roadway and add pedestrian features.	Maint/Rehab	SON130008	2	\$250	\$300
SON	Cotati	Local Road	Downtown Specific Plan Area Revitalization	In Cotati: On Old Redwood Highway between La Plaza and Gravenstein Highway; Pedestrian, bicycle enhancements and corridor beautification.	SystMgmt	SON110007	4	\$0	\$2,050
SON	Cotati	Transit	City of Cotati Train Depot	In Cotati: Located at 970 East Cotati Avenue; Construction of a Transit Center, including a pedestrian plaza and transit building to connect pedestrian/bicycle/bus/train/automobile transit modes.	Expansion	SON110015	5	\$0	\$4,441
SON	FWLS	Local Road	San Pablo Bay NWR Access Road in Petaluma	In San Pablo Bay National Wildlife Refuge: Construct the Sears Point Access Road & Trail to the headquarters near Petaluma. USFWS, in partnership with Sonoma Land Trust (SLT), received an FHWA grant of	Expansion	SON110030	3	\$0	\$23,480
SON	Healdsburg	Local Road	Healdsburg Foss Creek Bicycle/Ped Pathway	Healdsburg: Foss Creek Pathway from North side of West Grant St. to Grove St: Construct 3,160 ft long Class 1 bicycle and pedestrian facility.	Expansion	SON050017	11	\$0	\$3,888
SON	Healdsburg	Local Road	Healdsburg Various Streets & Roads Rehabilitation	Healdsburg: Various locations: Rehabilitate existing pavement surfaces with application of asphalt rubber chip seal and microsurfacing.	Maint/Rehab	SON130005	2	\$250	\$283
SON	Healdsburg	Local Road	Healdsburg Pedestrian Safety and Access Improvments	In Healdsburg: Install pedestrian safety crossing improvements adjacent to high school on Powell Ave. Install ADA improvements connecting high school and junior high school to library (Powell Ave, Prince	SystMgmt	SON110054	4	\$254	\$339
SON	MTC	Local Road	Regional Planning Activities and PPM - Sonoma	Sonoma: Regional Planning Activities and Planning, Programming and Monitoring (PPM)	SystMgmt	SON090008	12	\$972	\$8,902
SON	MTC	Local Road	Stewarts Point Rancheria EV Pilot Program	Sonoma County: At 6 locations where the tribal community frequents: install 6 EV charging stations; purchase 4 electric vehicles (project will be managed by the Kashia Band of Pomo Indians)	SystMgmt	SON110034	4	\$0	\$376
SON	NBFS	Transit	Ferry Service to Port Sonoma	SW Sonoma County: Port Sonoma; Construct multi-modal transit facility linking Ferry service to passenger rail, bus service, and auto traffic (Env. Phase Only).	Expansion	SON070013	6	\$0	\$23,171
SON	Petaluma	Local Road	Petaluma Complete Streets	In Petaluma: On Lakeville St from E. Washington St to Caulfield Ln and on East D St from the D St Bridge to Lakeville St: Rehabilitate the roadway, including striping for Class 2 Bike Lanes and adding ADA	Maint/Rehab	SON130002	2	\$1,818	\$2,088
SON	Petaluma	Transit	Petaluma Transit: Preventive Maintenance	Petaluma: Petaluma Transit: Preventive Maintenance	Maint/Rehab	SON090009	8	\$0	\$554

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SON	Petaluma	Transit	Petaluma Paratransit: Replace 2 Vans	In Petaluma: Purchase (2) replacement paratransit vans for Petaluma Paratransit.	Maint/Rehab	SON090029	4	\$0	\$226
SON	Petaluma	Transit	Petaluma Transit: AVL System	In Petaluma: Purchase and install Automatic Vehicle Location (AVL) System on all vehicles in Petaluma Transit fixed route fleet.	Maint/Rehab	SON090030	4	\$0	\$150
SON	Petaluma	Transit	Petaluma Transit Maintenance Facility Rehab: Ph 1	Petaluma Transit Maintenance Facility: increase the clearance height and length of the southern bay of the existing facility to accommodate maintenance operations for the larger buses. Additional safety	Maint/Rehab	SON110004	3	\$0	\$750
SON	Petaluma	Transit	Petaluma Transit Maintenance Facility Rehab: Ph 2	City of Petaluma: Rehabilitation of the maintenance facility (Phase II).	Maint/Rehab	SON110033	3	\$0	\$1,000
SON	Petaluma	Transit	Petaluma: Replace 2 Paratransit Cutaways FY13	In Petaluma: Replace two (2) paratransit vans for Petaluma Paratransit.	Maint/Rehab	SON110051	4	\$0	\$167
SON	Petaluma	Transit	Petaluma: Replace 2 Paratransit Cutaways FY14	In Petaluma: Replace two (2) paratransit vans for Petaluma Paratransit.	Maint/Rehab	SON110052	5	\$0	\$172
SON	Petaluma	Transit	Petaluma Transit - Communications Equipment	In Petaluma: at dispatch and/or on board fixed route and paratransit vehicles: deploy advanced communications systems	SystMgmt	SON110032	3	\$0	\$58
SON	Petaluma	Transit	Petaluma Transit: Transit Signal Priority System	In Petaluma: Various intersections: Upgrade existing traffic signals to replace existing or install new Transit Signal Priority hardware on intersections within the City of Petaluma.	SystMgmt	SON130020	2	\$152	\$252
SON	Rohnert Park	Local Road	Copeland Creek Bike Path Reconstruction	In Rohnert Park: Along Copeland Creek; reconstruct 3915 LF of existing deteriorated Class I bike/ped path and replace 740 LF concrete sidewalk with new asphalt path. Replace non-native vegetation with	Maint/Rehab	SON090032	6	\$0	\$740
SON	Rohnert Park	Local Road	Rohnert Park Various Streets Preservation	In Rohnert Park: On Rohnert Park Expressway from State Farm Drive to Snyder Lane: Rehabilitation of roadway including ditches and overlay. Existing lane configuration and existing Class 2 bike lanes will	Maint/Rehab	SON130009	2	\$1,103	\$1,454
SON	Rohnert Park	Local Road	Rohnert Park Streetscape and Pedestrian Imps	Rohnert Park: At Various locations in the Central Rohnert Park PDA: Install pedestrian and bike facility improvements	SystMgmt	SON130007	2	\$500	\$620
SON	Santa Rosa	Local Road	SMART Bicycle and Pedestrian Path	Santa Rosa: Within or adjacent to the SMART railroad ROW from College Ave to 8th St: Construct a Class I bike path	Expansion	SON110017	3	\$0	\$1,266
SON	Santa Rosa	Local Road	Chanate Rd Pedestrian and Transit Improvements	In Santa Rosa: Chanate Road from Parker Hill to east of Glen Echo Drive: pedestrian pathway; Various Locations: upgrade ADA pedestrian ramps and install bus shelters and benches	SystMgmt	SON110018	3	\$0	\$1,633
SON	Santa Rosa	Local Road	Downtown Santa Rosa Streetscape	Santa Rosa: Third St between Morgan and B St: implement pedestrian improvements to channelize pedestrians to use the north side of Third Street at Morgan Street and at B Street; On Santa Rosa Avenue	SystMgmt	SON130006	3	\$807	\$807
SON	Santa Rosa	Local Road	Santa Rosa Cmplt Sis Road Diet on Transit Corridor	Santa Rosa: On transit corridors within two Priority Development Areas (Mendocino Ave/Santa Rosa Ave Corridor and Downtown Station Area) and in Communities of Concern: Rehabilitate roadway and	SystMgmt	SON130017	2	\$2,460	\$2,960
SON	Santa Rosa	Local Road	Roseland Area / Sebastopol Rd Priority Development	In and near Santa Rosa: 2 PDAs: Develop a specific plan for land use & transportation, assess infrastructure needs, costs & prepare implementation guide. Prepare an EIR, amendments to planning	SystMgmt	SON130021	2	\$647	\$1,378
SON	Santa Rosa Bus	Transit	Hybrid Electric Bus Purchase (Replacement)	Santa Rosa CityBus: Purchase about 5 Hybrid Electric Replacement Buses to replace fixed route buses.	Maint/Rehab	SON070020	16	\$0	\$3,631
SON	Santa Rosa Bus	Transit	Santa Rosa CityBus: Preventative Maintenance	Santa Rosa CityBus: Preventative Maintenance program for agency fleet.	Maint/Rehab	SON090024	14	\$0	\$9,300

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SON	Santa Rosa Bus	Transit	Santa Rosa City Bus: Fast-fill CNG Fueling Station	Santa Rosa: Maintenance Service Center corporation yard; reconstruction of existing maintenance facility to include CNG fast-fill fueling station	Maint/Rehab	SON110047	3	\$1,980	\$2,760
SON	Santa Rosa Bus	Transit	Santa Rosa CityBus: Operating Assistance	Santa Rosa CityBus: Operating Assistance to Transit Agency.	Operations	SON090023	11	\$0	\$17,305
SON	Santa Rosa Bus	Transit	SR City Bus - Capital Maintenance - Fuel	Santa Rosa City Bus: purchase fuel as part of FTA's "Fuel as Capital Maintenance" program	Operations	SON110045	3	\$0	\$512
SON	Santa Rosa Bus	Transit	Santa Rosa City Bus: Transit Enhancements	Santa Rosa: Various Locations: Upgrade and improve transit facilities including amenities, accessibility, ADA compliance, pedestrian and bicycle access	SystMgmt	SON030012	24	\$0	\$410
SON	Santa Rosa Bus	Transit	Downtown Transit Mall Connectivity Improvements	Santa Rosa: Downtown Transit Mall; Various improvements including NextBus LED signage, maps, real-time transit information, kiosks, concessions, improved lighting, benches and public art, and ADA	SystMgmt	SON070012	7	\$0	\$2,458
SON	Santa Rosa Bus	Transit	Automated Vehicle Location System	Santa Rosa CityBus: Procure comprehensive Automated Vehicle Location System (AVL) for agency fleet	SystMgmt	SON090007	5	\$0	\$1,038
SON	Santa Rosa Bus	Transit	CityBus COA and Service Plan	Santa Rosa CityBus: System-wide: Conduct Comprehensive Operational Analysis and Service Plan for Santa Rosa's municipal transit system.	SystMgmt	SON130018	2	\$113	\$113
SON	Sebastopol	Local Road	Sebastopol Various Streets and Roads Preservation	Sebastopol: Keating Avenue, portions of Florence Avenue and North Main Street: Rehabilitate pavement	Maint/Rehab	SON130004	2	\$250	\$283
SON	SMART	Transit	Sonoma Marin Area Rail Corridor	Between Sonoma and Marin Counties: Implement passenger rail service and non-motorized pathway on NWP rail line	Expansion	SON090002	13	\$116,523	\$538,573
SON	Son Co Reg Park	Local Road	Bodega Bay Trail Segments 1B and 1C	Bodega Bay: Segments 1B and 1C parallel to Highway 1 from Salmon Creek Village to the southwest boundary; Construct bicycle and Pedestrian Trail (TLC Project)	Expansion	SON070008	6	\$0	\$817
SON	Son Co Reg Park	Local Road	Central Sonoma Valley Trail	In the unincorporated area of Sonoma County, construct 0.42 miles of a Class I bike trail. 1) Larson Park to Flowery Elementary School and 2) along Verano Avenue from Sonoma Creek to Main Street.	Expansion	SON110050	3	\$425	\$625
SON	Son Co Reg Park	Public Lands/Trails	SMART Trail-Hearn Avenue to Joe Rodota Trail	Sonoma County: From Hearn Avenue to the Joe Rodota Trail: Construct a 1.3 mile Class I bike path including a bicycle/pedestrian bridge at Colgan Creek, asphalt paved surface, grading, drainage, striping	Expansion	SON110013	4	\$0	\$1,122
SON	Son Co TA	Local Road	Improve U.S. 101/Old Redwood Highway interchange	In Petaluma, replace old redwood highway overcrossing and ramps to/from Highway 101.	Expansion	SON090003	4	\$0	\$36,849
SON	Son Co TA	State Highway	Son 101 HOV - Steele Lane to Windsor (North)	Santa Rosa-Windsor: US 101 btw Steele Lane in Santa Rosa and Windsor River Road in Windsor; Widen from 4 to 6 lanes for High Occupancy Vehicle (HOV) lanes and implement landscaping.	Expansion	SON010019	11	\$0	\$122,299
SON	Son Co TA	State Highway	Son 101 HOV - Redwood Hwy to Rohnert Park Expwy	Petaluma-Rohnert Park: US 101 Btw Old Redwood Hwy in Petaluma & Rohnert Park Expwy; widening roadway from 4 to 6 lanes for HOV and implement landscaping	Expansion	SON010024	12	\$0	\$134,952
SON	Son Co TA	State Highway	US 101/East Washington I/C Reconfiguration	Petaluma: On US 101 at East Washington Interchange: Reconfigure interchange including new ramps.	Expansion	SON050015	11	\$0	\$21,388
SON	Son Co TA	State Highway	US 101 Marin/Sonoma Narrows (Sonoma)	Marin and Sonoma Counties: From SR37 in Novato to Old Redwood Highway in Petaluma, convert expressway to freeway, construct NB auxiliary lane between Lakeville Highway and East Washington Street,	Expansion	SON070004	17	\$995	\$372,700
SON	Son Co TA	State Highway	US 101 Airport I/C (North B)	In Sonoma County: Replace Airport Blvd overcrossing and reconstruct interchange with US 101. Improve operations between Airport and Fulton. Construct soundwalls. (Project is the second phase of the	SystMgmt	SON090005	5	\$7,392	\$42,808

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SON	Son Co Transit	Transit	Sonoma Co Transit: Preventive Maintenance Program	Sonoma County Transit: Preventive maintenance program for agency fleet.	Maint/Rehab	SON030005	24	\$0	\$13,209
SON	Son Co Transit	Transit	Sonoma County Transit: Replacement Bus Purchase	Sonoma County Transit: Replace three 40' Orion V CNG transit coaches with three 40' CNG Low-Floor transit coaches.	Maint/Rehab	SON070024	13	\$0	\$3,682
SON	Son Co Transit	Transit	Sonoma County Transit: Bus Yard Rehab.	Sonoma County Transit: Rehabilitate bus yard and parking areas to a state of good repair.	Maint/Rehab	SON110003	3	\$0	\$575
SON	Son Co Transit	Transit	Sonoma County Transit: Replacement Bus Purchase	Sonoma County Transit: Replace two 40' Orion V CNG transit coaches with two 40' CNG Low-Floor transit coaches.	Maint/Rehab	SON110049	6	\$0	\$1,155
SON	Son Co Transit	Transit	Sonoma County Transit: CNG Bus Replacements	Sonoma County Transit: Replace two 30-foot compressed natural gas (CNG)-fueled buses.	Maint/Rehab	SON130019	2	\$347	\$347
SON	Son Co Transit	Transit	Sonoma County Transit: Bus Stop Improvement	Sonoma County Transit: Throughout the service area: Acquire and install new bus stop shelters plus other improvements to bus stops	Syst/Mgmt	SON050021	19	\$0	\$130
SON	Sonoma City	Local Road	Sonoma Various Streets and Roads Preservation	In Sonoma: On West Napa Road from approximately 150 feet west of Broadway Avenue (SR 12) to Jones Street; Rehabilitation of the roadway, including Class II bike lanes and ADA ramps.	Maint/Rehab	SON130011	2	\$250	\$283
SON	Sonoma County	Local Road	Replace Laughlin Bridge over Mark West Crk 20C0246	Mark West Creek Bridge: Laughlin Rd/Brickway Blvd Extension; Construct new 2 lane bridge.	Expansion	SON050001	14	\$100	\$14,045
SON	Sonoma County	Local Road	Replace Geysers Bridge over Sulpher Crk 20C0005	In Sonoma County: Bridge replacement: single lane bridges in Sonoma County with two lane bridge (Geysers Road Bridge 20C0005)	Expansion	SON090001	10	\$5,100	\$6,000
SON	Sonoma County	Local Road	Replace Chalk Hill Bridge over Maacama Crk 20C0242	In Sonoma County - Replace existing bridge no. 20C0242, on Chalk Hill Rd, Over Maacama Creek, 1 Mi S of HWY (spandrel arch bridge with approach spans with new bridge)	Expansion	SON090025	9	\$6,200	\$6,773
SON	Sonoma County	Local Road	Replace Lambert Bridge over Dry Creek 20C0248	HBP: In Sonoma: Replace existing through truss bridge (Bridge No. 20C0248, Lambert Bridge Road, Over Dry Creek, 0.4 Mi W of Dry Creek Rd.), that is in poor condition and has seismic deficiencies with	Expansion	SON090026	8	\$6,050	\$7,276
SON	Sonoma County	Local Road	Replace West Dry Creek Bridge over Pena Crk 20C0407	In Sonoma: Replace existing four span T-beam concrete bridge (Bridge No. 20C0407, West Dry Creek Rd, Over Pena Creek, 0.7 Mi NW Yoakim Br Rd.) that is one-lane, seismically deficient and in poor	Expansion	SON090027	10	\$4,250	\$5,050
SON	Sonoma County	Local Road	Replace Bohan Dillon Bridge over Gualala 20C0435	In Sonoma: Bridge No.20C0435, Bohan Dillon Road over South Fork Gualala River, 0.1 Mi N Fort Ross Road. Replace existing one-lane bridge with a new two-lane bridge	Expansion	SON110024	6	\$1,450	\$1,970
SON	Sonoma County	Local Road	Replace Hauser Bridge over Gualala River 20C0240	In Sonoma: Bridge No.20C0240, Hauser Road Bridge over over South Fork Gualala River, 5 Mi east of Seaview Road. Replace existing one-lane bridge with a new two-lane bridge	Expansion	SON110025	6	\$50	\$6,584
SON	Sonoma County	Local Road	Replace Freestone Flat Bridge over Salmon 20C0440	In Sonoma: Bridge No.20C0440, Freestone Flat Road Bridge over Salmon Creek, 0.2 Mi E. Bohemian Way. Replace existing one-lane bridge with a new two-lane bridge	Expansion	SON110026	6	\$2,644	\$3,257
SON	Sonoma County	Local Road	2011/12 Asphalt Overlay Program	In Sonoma County: Various County roads: Repair and overlay Calistoga Road, Main Street in Penngrove, Fulton Road and Lakeville Highway.	Maint/Rehab	SON110028	3	\$0	\$4,445
SON	Sonoma County	Local Road	Sonoma County Various Streets & Roads Preservation	Sonoma County: Various locations: Rehabilitate pavement	Maint/Rehab	SON130010	2	\$3,815	\$3,815
SON	Sonoma County	Local Road	Bodega Highway Pavement Rehabilitation	Bodega Hwy, beginning at the intersection of Sexton Lane and ending at the Sebastopol City Limits. The Project length is approximately 2 miles. The scope of work will includes pavement rehabilitation.	Maint/Rehab	SON130015	2	\$1,130	\$1,190

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SON	Sonoma County	Local Road	Countywide Safe Routes to Schools Program	Sonoma County: Countywide: Comprehensive safe routes to schools program to shift mode away from single family vehicular trips to bicycle/pedestrian/carpooling.	SystMgmt	SON110016	5	\$0	\$1,168
SON	Sonoma County	Local Road	Sonoma County - Safe Routes to School Program	Sonoma County: Countywide: Comprehensive safe routes to school program to shift mode away from single family vehicular trips to bicycle/pedestrian/carpooling.	SystMgmt	SON130014	3	\$1,379	\$1,379
SON	Sonoma County	Local Road	PDA Planning - Springs Area Plan	Sonoma Valley Springs Area: Planning to revitalize the area into a pedestrian and transit oriented mixed use corridor.	SystMgmt	SON150001	1	\$508	\$508
SON	Sonoma County	Local Road	PDA Planning - Airport Station/Specific Plan Amend	Sonoma County: Near the proposed Sonoma Marin Area Rail Transit Airport station: Develop a new station area plan and update of the 1984 Airport Industrial Area Specific Plan in order to transform the	SystMgmt	SON150002	1	\$395	\$395
SON	Sonoma County	State Highway	Sonoma County Urban Footprint Planning	Sonoma County: Countywide: Develop an integrated approach to analyzing land use scenarios in Sonoma County, and provide a tool to better value the benefits of conservation with a focus on GHG and	SystMgmt	SON130001	2	\$0	\$282
SON	Windsor	Local Road	ORH at Lakewood Dr. Bike and Ped Facilities	Windsor: Along Old Redwood Highway near the US 101 Central Windsor Interchange: construct a series of interrelated pedestrian, bicycle, roadway, intersection, and aesthetic improvements	Expansion	SON110044	3	\$0	\$1,452
SON	Windsor	Local Road	Jaguar Way/Windsor Road Bicycle /Ped Improvements	In Windsor: Around the intersection of Jaguar Way and Windsor Road, the entrance to Windsor High School: Install a traffic signal and construct approximately 800 feet of Class II bicycle lanes and sidewalk.	SystMgmt	SON130003	2	\$590	\$712
SON	Windsor	Local Road	Conde Ln/Johnson St Pedestrian Improvements	In Town of Windsor: At the intersection of Conde Lane and Johnson Street: Signalize the all-way stop-controlled intersection and close the gap in the sidewalk.	SystMgmt	SON130012	2	\$489	\$489
SON	Windsor	Local Road	Bell Rd/Market St/Windsor River Rd Ped Improvement	In Windsor: At the intersection of Bell Road-Market Street and Windsor River Road: Install a traffic signal and install pedestrian and bicycle signal equipment.	SystMgmt	SON130013	2	\$464	\$464
Totals for Sonoma County								\$175,506	\$1,587,664

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REG	ACE	Transit	ACE Positive Train Control	ACE System-wide: Install an advanced train control system that allows for automated collision prevention, improved manual collision prevention, and improved headways.	SystMgmt	REG110044	6	\$146	\$30,000
REG	ACWA	Local Road	Green Star / Cool Schools Program	Alameda, San Mateo, and Sonoma Counties, San Jose: Development of a curriculum framework for teachers; web based interface and trip tracking; green teams, competition with other schools/ classrooms;	SystMgmt	REG110016	5	\$0	\$980
REG	Alameda County	Local Road	Local Government EV Fleet Program	Various Locations: Purchase 90 EVs and install 90 EV charging stations in various jurisd. Tests smart driving with 20 real-time fuel economy gauges in gas vehicles. Pilot fleet carshare (4 cars) in ALA	SystMgmt	REG110013	5	\$0	\$2,808
REG	BAAQMD	Regional	Spare the Air Program	San Francisco Bay Area: Spare the Air Campaign: Inform/educate the public about ozone problems, notify when Spare the Air days are called and encourage use of transit, ridesharing, etc.	SystMgmt	REG130006	3	\$0	\$4,180
REG	BAAQMD	Transit	Spare the Air Program	San Francisco Bay Area: Spare the Air Campaign: Inform/educate the public about ozone problems, notify when Spare the Air days are called & encourage use of transit, ridesharing etc.	SystMgmt	MTC990015	22	\$0	\$15,998
REG	BAIFA	Tollway	Regional Express Lane Network	Region-wide: Convert existing HOV lanes to express lanes and widen to add new express lanes on freeway segments that constitute early phases of the Regional Express Lane Network	SystMgmt	REG130004	5	\$226,100	\$275,100
REG	BART	Transit	BART Train Control Renovation	BART: Replace obsolete elements and subsystems of the train control system.	Maint/Rehab	BRT030004	18	\$0	\$189,977
REG	BART	Transit	BART: Traction Power System Renovation	BART: System wide: Replace obsolete elements and subsystems of the traction power system to maintain and improve reliability and safety	Maint/Rehab	BRT030005	17	\$0	\$162,075
REG	BART	Transit	BART Transbay Tube Seismic Retrofit	San Francisco: Transbay Tube; Seismically retrofit the BART Tube/Funnel which connects Oakland to San Francisco.	Maint/Rehab	BRT050003	7	\$0	\$276,175
REG	BART	Transit	BART: Rail, Way and Structures Program	BART: Systemwide; Replace worn out mainline rail and make other timely reinvestments in way.	Maint/Rehab	BRT97100B	15	\$0	\$151,400
REG	BART	Transit	BART Car Exchange (Preventive Maintenance)	BART: Preventive maintenance program, including maintenance of rail cars and other system components in exchange for local funds to the BART car replacement reserve.	Maint/Rehab	REG050020	17	\$3,199	\$607,114
REG	BART	Transit	BART: Railcar Procurement Program	BART: Procure 673 Railcars (includes the replacement of 669 Railcars)	Maint/Rehab	REG090037	8	\$270,339	\$1,976,886
REG	BART	Transit	ADA Paratransit Capital Accessibility Improve	BART: At various stations: Capital Access Improvements Program including, station elevator improvements, installation of hands-free emergency telephones, and tactile stair tread replacement	SystMgmt	BRT99T01B	12	\$0	\$34,058
REG	Caltrain	Transit	Caltrain: Revenue Vehicle Rehab Program	Caltrain: Systemwide: The Revenue Vehicle Rehab Program provides overhauls and repairs/replacements to key components of the Caltrain rolling stock to maintain it in a state of good repair and to extend	Maint/Rehab	REG090051	10	\$0	\$8,184
REG	Caltrain	Transit	Caltrain: Preventive Maintenance	Caltrain: Systemwide: Capitalized maintenance activities for the Caltrain fleet, equipment and facilities.	Maint/Rehab	REG090053	8	\$0	\$14,713
REG	Caltrain	Transit	Caltrain Transit Asset Management System (CTAMS)	Caltrain: Systemwide: Development of the Caltrain Transit Asset Management System (CTAMS)	Maint/Rehab	REG110025	4	\$0	\$750
REG	Caltrain	Transit	Caltrain: Systemwide Track Rehab & Related Struct.	Caltrain: Replace jointed rail and upgrade existing main line track and related civil structures on the Caltrain Corridor.	Maint/Rehab	SM-03006B	16	\$0	\$105,036
REG	Caltrain	Transit	Caltrain: Signal/Communication Rehab. & Upgrades	Caltrain: Systemwide: Rehabilitate existing signal system and upgrade/replace communication equipment.	Maint/Rehab	SM-050041	19	\$0	\$39,469

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County	Sponsor	System	Project Title	Description	Purpose	TIP ID	Ver	Current 4-Year TIP Funding	Total Funding
REG	Caltrans	Transit	Caltrain Positive Train Control System	CBOSS/PTC is an advanced train control system that allows for automated collision prevention, improved manual collision prevention, and improved headways. The FRA has mandated PTC be in place by	SystMgmt	REG110030	6	\$41,950	\$231,000
REG	Caltrans	Local Road	GL: Safety Improvements - SRTS	GL: Safety Improvements - Safe Routes to School (SRTS) program. At various locations, Safe Routes to School (SRTS) projects. Consistent with 40 CFR Part 93.126, 127, 128, Exempt Tables 2 & 3.	Expansion	VAR110012	4	\$0	\$15,958
REG	Caltrans	Local Road	GL: Bridge Rehab/Recon. - Local Hwy Bridge Program	GL: Local Bridge Rehab/Recon. - Local Highway Bridge Program(HBP) or Highway Bridge Replacement and Rehabilitation (HBRR). Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 categories.	Maint/Rehab	VAR110045	8	\$192,195	\$456,371
REG	Caltrans	State Highway	GL: Safety Improvements - SHOPP Mobility Program	Grouped Listing: SHOPP-Mobility; Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 and 3	Maint/Rehab	VAR110001	6	\$46,083	\$149,806
REG	Caltrans	State Highway	GL: Pavement Resurf./Rehab - SHOPP Roadway Presv.	Grouped Listing: SHOPP - Roadway Preservation. Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 categories	Maint/Rehab	VAR110003	6	\$296,810	\$391,439
REG	Caltrans	State Highway	GL: Safety Imprv. - SHOPP Collision Reduction	GL: SHOPP - Collision Reduction. Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 and Table 3 categories.	Maint/Rehab	VAR110004	10	\$172,053	\$245,404
REG	Caltrans	State Highway	GL: Emergency Repair - SHOPP Emergency Response	Grouped Listing for SHOPP - Emergency Response. Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 categories - Repair damage caused by natural disasters, civil unrest, or terrorist acts.	Maint/Rehab	VAR110005	9	\$209,410	\$347,955
REG	Caltrans	State Highway	GL: Pvmnt Resurf/Rehab SHS - Highway Maint.	GL: Pavement Resurf/Rehab State Highway System - Highway Maintenance. Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 and Table 3 categories - Pavement resurfacing and/or	Maint/Rehab	VAR110031	4	\$0	\$36,595
REG	Caltrans	State Highway	GL: Pvmnt Resurf/Rehab State Hwy Sys - SHOPP Minor	GL: Pavement Resurf/Rehab State Hwy System - SHOPP Minor. Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 and Table 3 categories - Pavement resurfacing and/or rehabilitation.	Maint/Rehab	VAR110037	4	\$0	\$15,058
REG	Caltrans	State Highway	GL: Safety Improvements - SHOPP Mandates	GL: Safety Improvements - SHOPP Mandates. Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 and Table 3 categories.	Maint/Rehab	VAR110042	7	\$25,903	\$52,188
REG	Caltrans	State Highway	GL: Bridge Rehab and Reconstruction - SHOPP	GL: Bridge Rehab/Reconst-SHOPP. Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 categories - Widening narrow pavements or reconstructing bridges (no additional travel lanes).	Maint/Rehab	VAR110044	7	\$397,952	\$568,625
REG	Caltrans	State Highway	Statewide Archaeological Reburial Database	Region-wide: Identify reburial locations for Native American human remains excavated as part of statewide Caltrans projects.	Other	REG110022	3	\$0	\$575
REG	Caltrans	State Highway	Cultural Resources Legacy Data Database	Regionwide: Augment information in various cultural resources databases	Other	REG110023	3	\$0	\$1,630
REG	Caltrans	State Highway	Geoarchaeological Study of Route 101 Corridor	Along Route 101: Various Locations: Enhance the existing inventories of archaeological resources by transferring such data into an electronic database for each county.	Other	REG110024	3	\$0	\$358
REG	Caltrans	State Highway	GL: Safety Imprv - Highway Safety Improvement Prog	GL: Safety Imprv - Highway Safety Improvement Program. Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 and Table 3 categories.	SystMgmt	VAR110007	9	\$4,957	\$66,106
REG	Caltrans	Transit	Oakland to San Jose Double Track (Segment 2A)	Oakland to San Jose: On UPRR Niles subdivision from MP 6 to MP 35, and the Coast subdivision MP 13 to MP 35, and on the Caltrain Right of Way MP 44 to MP 48: Construct a second mainline	Expansion	REG150001	1	\$0	\$7,700

Metropolitan Transportation Commission

TIP Project Listing by County

2015 TIP: FY14/15 through FY17/18

(All funding shown in \$1,000s)

Report sorted by: County, Sponsor, System, Purpose, TIP ID

County	Sponsor	System	Project Title	Description	Purpose	TIP ID	Ver	Current 4-Year TIP Funding	Total Funding
REG	Caltrans	Transit	GL: Elderly & Persons with Disability Program	Region-Wide: Eld. & persons with Disabilities. Prog Lump Sum Listing; Project incl. Veh. replacements, minor expansion & office equip. Consist with 40 CFR Part 93.126, 127, 128 Exempt Tables 2 & 3	Maint/Rehab	REG110042	6	\$7,921	\$7,921
REG	Caltrans	Transit	GL: FTA Non-Urbanized Formula Program	GL: FTA Section 5311 Non-Urbanized Formula Program, Non-ITS portion. Projects include capital and operating assistance, capital and preventive maintenance. Projects consistent with 40 CFR Part 93.126.	Operations	REG110041	7	\$15,083	\$15,083
REG	Caltrans	Transit	GL: Railroad/Highway Crossings	GL: Railroad/Highway Crossings. Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 categories - Railroad/highway crossing	SystMgmt	VAR110046	3	\$0	\$3,212
REG	MTC	Local Road	Regional Streets and Roads Program	Regionwide: Regional Streets and Roads Program including providing assistance to Bay Area agencies to implement & maintain computerized pavement management system (PMS), implementing PTAP	Maint/Rehab	REG090039	8	\$778	\$15,690
REG	MTC	Local Road	Regional Arterial Operations & Signal Timing Prog	Regional: Develop plans to guide arterial investments, and provide project management and traffic engineering/tech assistance (including procuring traffic signal & comm. equipment and	SystMgmt	REG090046	10	\$3,500	\$16,160
REG	MTC	Local Road	Parking Pricing Regional Analysis	Regionwide: Construct a regional parking database, integrated with our land use/transportation models, analyzes regional and local parking pricing schemes, conducts technical workshops, and proposes	SystMgmt	REG110029	4	\$0	\$700
REG	MTC	Local Road	Transit Oriented Affordable Housing	Bay Area Region: Establish a land acquisition and land banking financing fund to maximize the production of affordable housing near transit stations	SystMgmt	REG130005	2	\$10,000	\$20,000
REG	MTC	Regional	Regional Bicycle Sharing Program	Regionwide: various locations: Implement a bikesharing program	Expansion	REG110010	9	\$8,725	\$19,428
REG	MTC	Regional	Regional Planning Activities and PPM - MTC	Regional: Regional Planning Activities and Planning, Programming and Monitoring (PPM)	SystMgmt	REG090038	14	\$2,483	\$10,965
REG	MTC	Regional	Regional Planning Activities - ABAG	Regionwide: Support for Regional Planning Activities	SystMgmt	REG090040	12	\$1,000	\$6,546
REG	MTC	Regional	Regional Planning Activities - BCDG	Regional Planning Activities	SystMgmt	REG090041	10	\$0	\$2,698
REG	MTC	Regional	511 Traveler Information	Regionwide: Collect real-time/static data (traffic, transit, rideshare and bicycle) and disseminate the information to the public by telephone and website. Supports congestion pricing and vehicle	SystMgmt	REG090042	12	\$10,000	\$104,060
REG	MTC	Regional	Climate Initiatives Program Public Education	Climate Initiatives Program: Regionwide, community-based social marketing campaign & support for programs to encourage sustainable transportation behavioral changes to reduce criteria pollutants and	SystMgmt	REG090065	9	\$400	\$11,043
REG	MTC	Regional	Climate Initiatives Evaluation and Administration	Regional: Program development for the Climate Initiatives program activities and evaluation. Programs falling under this project include the following sub-programs: Innovative Grants, Safe Routes to	SystMgmt	REG090066	5	\$0	\$3,200
REG	MTC	Regional	Electric Vehicle Funding Strategies	Region-wide: Support the deployment of electric vehicles in the Bay Area including approaches such as infrastructure, outreach, and other supportive strategies.	SystMgmt	REG110011	8	\$2,308	\$2,333
REG	MTC	Regional	Regional Planning - PDA Implementation	Regionwide: Planning Assistance to support transportation investments and improve their performance in priority development areas.	SystMgmt	REG110037	6	\$0	\$11,296
REG	MTC	Regional	Climate Change Adaptation&Vulnerability Assessment	Region-wide: Phase one: Conduct sea level rise transportation vulnerability and risk assessment pilot project. Phase two: Develop adaptation options to protect critical transportation infrastructure from sea	SystMgmt	REG110043	3	\$0	\$1,200

Metropolitan Transportation Commission
TIP Project Listing by County
2015 TIP: FY14/15 through FY17/18
(All funding shown in \$1,000s)

Report sorted by: County, Sponsor, System, Purpose, TIP ID

County	Sponsor	System	Project Title	Description	Purpose	TIP ID	Ver	Current 4-Year TIP Funding	Total Funding
REG	MTC	Regional	Regional Car Sharing	Regionwide: Various Locations: Increase car sharing fleets in suburban and business park locations, and increase electric vehicles in car sharing fleets.	SystMgmt	REG130007	2	\$2,000	\$2,000
REG	MTC	Regional	Transportation Demand Management	Regionwide: Expand Transportation Demand Management (TDM) strategies, such as car sharing, vanpools or shuttles, targeted ridesharing and parking pricing.	SystMgmt	REG130008	2	\$6,000	\$6,000
REG	MTC	State Highway	Freeway Performance Initiative (FPI)	Regionwide: Design, implement and maintain ramp metering, Traffic Operation Systems (TOS), and other Freeway Performance Initiative (FPI) projects on major congested freeways throughout the region.	SystMgmt	REG090003	30	\$107,886	\$340,889
REG	MTC	Tollway	Toll Bridge Maintenance	Regionwide: Seven state-owned toll bridges: routine maintenance of bridge facilities	Maint/Rehab	REG130001	2	\$48,000	\$72,000
REG	MTC	Tollway	Toll Bridge Rehabilitation Program	Bay Area: On 7 state-owned toll bridges: Rehabilitation program	Maint/Rehab	REG130002	2	\$173,137	\$628,906
REG	MTC	Transit	Safe Routes to Transit	Regionwide: Grants to fund infrastructure projects that improve bike/ped access to transit stations. Including signs, multi-use trails and bike parking.	Expansion	MTC050021	6	\$2,000	\$20,000
REG	MTC	Transit	Station Area Planning Program & Implementation	Regionwide: Provide grants to local jurisdictions to develop plans for their transit stations in order to help increase transit ridership and implementation of the program.	Expansion	REG110014	5	\$0	\$9,417
REG	MTC	Transit	GL: JARC FY 09 - FY 10 - Large UA	GL: JARC FY 09 - FY 10 - Large UA. Various JARC projects in large urbanized areas. Project is consistent with 40 CFR Part 93.126, 127, 128. Exempt Tables 2 & 3.	Operations	REG090002	11	\$19,275	\$19,275
REG	MTC	Transit	GL: JARC FY11-FY12 Large UA	GL: JARC FY11-FY12 Large UA. Various JARC projects in large urbanized areas. Project is consistent with 40 CFR Part 93.126, 127, 128. Exempt Tables 2 & 3.	Operations	REG110032	8	\$6,091	\$6,091
REG	MTC	Transit	GL: 5307 JARC Set-aside FY13-FY14 Large UA	GL: 5307 JARC Set-aside FY13 Large UA. Various 5307 (former JARC) projects in large urbanized areas. Project is consistent with 40 CFR Part 93.126, 127, 128. Exempt Tables 2 & 3.	Operations	REG110039	5	\$6,389	\$6,389
REG	MTC	Transit	Transit Commute Benefits Promotion	San Francisco Bay Area: Region wide: Project to increase the participation rate of employers offering employees a tax-free benefit to commute to work by transit.	SystMgmt	MTC050001	7	\$0	\$5,000
REG	MTC	Transit	Real-time Transit Information Program	San Francisco Bay Area: Regionwide: Provide real-time transit information to riders at transit stops or via telephone, wireless or internet communication.	SystMgmt	MTC050020	7	\$1,000	\$21,000
REG	MTC	Transit	Transit Capital Inventory Improvements	MTC: Procure Asset Management System to enable ability to anticipate regional rehab, replacement and funding needs.	SystMgmt	REG050013	6	\$0	\$1,250
REG	MTC	Transit	Clipper Fare Collection System	San Francisco Bay Area: Regionwide: Design, build, operate and maintain the Clipper fare collection system. Note: Translink became Clipper on 6/16/10.	SystMgmt	REG090045	16	\$3,245	\$109,428
REG	MTC	Transit	GL: FY10 JARC Mobility Management	GL: Mobility Management. Various mobility management projects in the SFO, Concord and San Jose large urbanized areas. Project is consistent with 40 CFR Part 93.126, 127, 128, Exempt Tables 2 & 3.	SystMgmt	REG110028	5	\$974	\$974
REG	MTC-SAFE	State Highway	Incident Management Program	Regionwide: Manage congestion by preventing and/or addressing minor & major highway incidents/events including incident detection equipment & incident management systems, etc.	SystMgmt	REG090044	15	\$16,356	\$35,703
REG	MTC-SAFE	State Highway	FSP and Call Box Program	Regionwide: Manage congestion by preventing and/or addressing minor & major highway incidents/events including FSP and Call Box.	SystMgmt	REG130003	5	\$0	\$18,962

Metropolitan Transportation Commission

TIP Project Listing by County

2015 TIP: FY14/15 through FY17/18

(All funding shown in \$1,000s)

Report sorted by: County, Sponsor, System, Purpose, TIP ID

County	Sponsor	System	Project Title	Description	Purpose	TIP ID	Ver	Current 4-Year TIP Funding	Total Funding
REG	Nati Park Svc	Local Road	Golden Gate Nat'l Rec. Area Road Rehab	Golden Gate National Recreation Area: Rehabilitate roadways providing access to and within the Golden Gate National Recreation Area in San Francisco, Marin and San Mateo Counties	Maint/Rehab	SF-030002	13	\$0	\$53,640
REG	Nati Park Svc	Public Lands/Trails	GL: US 206 Recreational Grants	GL: US 206 Recreational Grants. Projects with US Recreational Grant Program Funds. Project is consistent with 40 CFR Part 93.126, 127, 128, Exempt Tables 2 & 3.	Maint/Rehab	REG110040	3	\$0	\$487
REG	Nati Park Svc	Public Lands/Trails	Golden Gate Nat'l Rec. Area Non-Motorized Access	Golden Gate Nat'l Recreation Area: Rehabilitate trail network. Implementing agencies are Golden Gate Nat'l Parks Conservancy and National Park Service.	Maint/Rehab	SF-050045	9	\$0	\$15,689
REG	Nati Park Svc	Transit	Golden Gate Nat'l Rec. Area Water Transit Planning	Golden Gate National Recreational Area: Prepare planning studies to improve water transit access to national parklands in San Francisco and Marin counties.	SystMgmt	SF-090024	5	\$822	\$1,897
REG	Nati Park Svc	Transit	Golden Gate Nat'l Rec. Area Transit Enhancements	Golden Gate National Recreational Area: Plan, design and construct exempt enhancements to public transit access to park sites.	SystMgmt	SF-090027	5	\$1,999	\$3,498
REG	SF County TA	Local Road	eFleet: Carsharing Electrified	SF and Berkeley: Purchase up to 26 electric vehicles; convert up to 10 conventional hybrid vehicles to plug-in hybrid electric vehicles (PHEVs); purchase and install up to 16 charging stations; conduct an	Expansion	REG110012	8	\$0	\$2,031
REG	SFMTA	Local Road	Electric Vehicle Taxis	San Francisco: Purchase up to 25 electric vehicles for neighborhood taxi services in San Francisco. Includes project evaluation.	SystMgmt	REG110038	5	\$0	\$1,116
REG	Son Co TA	Regional	Regional Dynamic Ridesharing Pilot	Contra Costa, Marin, and Sonoma Counties: Apply dynamic ridesharing technology in within various affinity groups. Software procurement and customization, marketing and incentives, monitoring and	SystMgmt	REG110015	7	\$0	\$2,521
REG	WETA	Transit	Ferry Service - Berkeley/Albany	WETA: Berkeley/Albany: Provide ferry service from Berkeley/Albany to San Francisco.	Expansion	MTC050027	16	\$12,000	\$65,281
REG	WETA	Transit	WETA Ferry Expansion Studies.	WETA: Regionwide studies to determine environmental/other impacts of expanded ferry service in the Bay Area.	Expansion	MTC050028	6	\$0	\$9,280
REG	WETA	Transit	SF Ferry Terminal/Berthing Facilities	WETA: San Francisco: At the Ferry Terminal; Construct additional ferry docking/berthing facilities to improve ferry access and support WETA berthing/maintenance operational needs.	Expansion	MTC050029	8	\$33,608	\$111,291
REG	WETA	Transit	Treasure Island Ferry Service	Treasure Island: Implement new ferry transit service between Treasure Island and San Francisco/East Bay locations.	Expansion	REG070003	5	\$0	\$1,000
REG	WETA	Transit	Maintenance Barge and Emergency Floats and Ramps	WETA: System maintenance and operational needs; This project will support the purchase/construction of floats and ramps and will provide core support infrastructure for existing and future regional ferry	Expansion	REG110001	3	\$0	\$15,250
REG	WETA	Transit	WETA: Ferry Channel & Berth Dredging	WETA: Various service areas: Dredge ferry channel, ferry basin and berth	Maint/Rehab	REG090054	10	\$0	\$3,295
REG	WETA	Transit	WETA: Ferry Propulsion System Replacement	WETA: Ongoing: A mid-life overhaul is scheduled when a ferry reaches approximately 12.5 years of service life. Equipment service hours and specific vessel needs may affect the timing of the projects.	Maint/Rehab	REG090055	8	\$0	\$24,357
REG	WETA	Transit	WETA: Ferry Major Component Rehab/Replacement	WETA: Ferry vessels are required to undergo periodic haul-out and rehabilitation work to remain in working order over their 25-year life.	Maint/Rehab	REG090057	12	\$0	\$6,512
REG	WETA	Transit	WETA: Fixed Guideway Connectors	WETA: Various locations: This project will replace/rehab fixed guideway connectors such as floats, floating barges, ramps and gangways throughout the system.	Maint/Rehab	REG090067	10	\$0	\$6,554

Metropolitan Transportation Commission
TIP Project Listing by County
2015 TIP: FY14/15 through FY17/18
(All funding shown in \$1,000s)

Report sorted by: County, Sponsor, System, Purpose, TIP ID

County	Sponsor	System	Project Title	Description	Purpose	TIP ID	Ver	Current 4-Year TIP Funding	Total Funding
REG	WETA	Transit	WETA: Facilities Rehabilitation	WETA: Various Locations: This project will rehabilitate ferry facilities in order to maintain existing transit services.	Maint/Rehab	REG110020	5	\$0	\$331
REG	WETA	Transit	WETA: Revenue Vehicle Communication Equipment	WETA: Purchase and/or upgrade revenue vehicle communication equipment.	Maint/Rehab	REG110021	4	\$0	\$182
VAR	Caltrans	State Highway	GL: Shoulder Imprv - SHOPP Roadside Preservation	GL: SHOPP Roadside Preservation. Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 categories - Fencing, Safety roadside rest areas	Maint/Rehab	VAR130001	4	\$38,092	\$38,092
VAR	Dept Parks&Rec	Public Lands/Trails	GL: Recreational Trails Program	Grouped Listing: Regionwide: Projects with US Recreational Grant Program Funds. Projects are consistent with 40 CFR Part 93.126, 127, 128, Exempt Tables 2 & 3. \$250K in Other Federal funds are LWCF	Expansion	VAR130004	3	\$0	\$6,686
VAR	MTC	Transit	GL: JARC FY12 Small UA & Rural	GL: JARC FY12 Small UA & Rural. Various JARC projects in small urbanized areas and nonurbanized areas. Project is consistent with 40 CFR Part 93.126, 127, 128, Exempt Tables 2 & 3.	Operations	VAR130002	3	\$785	\$785
VAR	MTC	Transit	GL: New Freedom FY12 Small UA & Rural	Regional: Various Cycle 7 (FY12) New Freedom projects in small urbanized and rural areas.	Operations	VAR130003	2	\$785	\$785
VAR	MTC	Transit	GL: New Freedom FY12 Large UA	GL: New Freedom FY2012 Large UA. Various Cycle 5 (FY12) New Freedom projects in large urbanized areas	Operations	VAR130005	2	\$4,028	\$4,028
Total for Multiple Counties								\$2,433,767	\$8,411,077
Totals for the Region								\$9,352,307	\$48,645,832

Metropolitan Transportation Commission
Single Line Project Funding Report

Report by Phase

(All funding shown in \$1,000s)

Report sorted by: County, Sponsor, System, Purpose, and TIP ID

County	Sponsor	System	Project Title	Purpose	TIP ID	Ver	PE	ROW	CON	Total Funding
ALA	AC Transit	Transit	AC Transit: Facilities Upgrade	Maint/Rehab	ALA010034	19			\$44,020	\$44,020
ALA	AC Transit	Transit	AC Transit: Transit Security Projects	SystMgmt	ALA050064	12			\$34,395	\$34,395
ALA	AC Transit	Transit	AC Transit: Zero Emission Bus Advanced Demo	SystMgmt	ALA070046	13	\$500		\$61,343	\$61,843
ALA	AC Transit	Transit	AC Transit: State of Good Repair Program	Maint/Rehab	ALA110008	5			\$7,403	\$7,403
ALA	AC Transit	Transit	AC Transit: Procure (23) 60' Articulated Buses	Maint/Rehab	ALA110091	5			\$18,754	\$18,754
ALA	AC Transit	Transit	AC Transit: Procure (38) 40-ft Urban Buses	Maint/Rehab	ALA110092	4			\$17,815	\$17,815
ALA	AC Transit	Transit	AC Transit: Replace 16 40' Suburban Buses	Maint/Rehab	ALA110093	7			\$7,937	\$7,937
ALA	AC Transit	Transit	AC Transit: Line 51 Corridor	SystMgmt	ALA110100	4	\$1,775		\$8,740	\$10,516
ALA	AC Transit	Transit	AC Transit: San Leandro BART Imprv	SystMgmt	ALA110105	3			\$3,929	\$3,929
ALA	AC Transit	Transit	AC Transit: Farebox Replacement	Maint/Rehab	ALA110106	4			\$11,875	\$11,875
ALA	AC Transit	Transit	AC Transit: Bus Diesel Particulate Filters	Maint/Rehab	ALA110116	3			\$1,590	\$1,590
ALA	AC Transit	Transit	AC Transit: Procure (28) 40-ft Urban Buses	Maint/Rehab	ALA110117	4			\$14,320	\$14,320
ALA	AC Transit	Transit	AC Transit: Procure (40) 40-ft Urban Buses	Maint/Rehab	ALA110118	4			\$20,459	\$20,459
ALA	AC Transit	Transit	AC Transit: Spectrum Ridership Growth	SystMgmt	ALA110119	5			\$2,036	\$2,036
ALA	AC Transit	Transit	AC Transit: Replace 27 40' Urban Buses	Maint/Rehab	ALA110123	3			\$13,037	\$13,037
ALA	AC Transit	Transit	AC Transit: Replace 38 40' Suburban Buses	Maint/Rehab	ALA110124	3			\$19,400	\$19,400
ALA	AC Transit	Transit	AC Transit: Procure (27) 60' Artic Hybrid Buses	Maint/Rehab	ALA130002	5			\$27,582	\$27,582
ALA	AC Transit	Transit	AC Transit: East Bay Bus Rapid Transit	Expansion	ALA150004	1	\$68,029	\$1,500	\$108,457	\$177,986
ALA	AC Transit	Transit	AC Transit: Paratransit Van Replacement	Maint/Rehab	ALA990052	19			\$16,671	\$16,671
ALA	AC Transit	Transit	AC Transit: ADA Paratransit Assistance	Operations	ALA990076	25			\$103,138	\$103,138
ALA	AC Transit	Transit	AC Transit: Preventive Maintenance Program	Maint/Rehab	ALA991070	29			\$392,438	\$392,438
ALA	ACE	Transit	ACE Track Improvements	Maint/Rehab	ALA010056	18			\$15,162	\$15,162
ALA	ACE	Transit	ACE Signal System Rehabilitation	Maint/Rehab	ALA050043	8			\$4,579	\$4,579
ALA	ACE	Transit	ACE: Rebuild Diesel Locomotives	Maint/Rehab	ALA090060	9			\$954	\$954
ALA	ACE	Transit	ACE Preventative Maintenance	Maint/Rehab	ALA110099	5			\$3,202	\$3,202
ALA	ACTC	Local Road	Bikemobile: Bike Repair and Encouragement Vehicle	SystMgmt	ALA110009	5	\$10		\$566	\$576
ALA	ACTC	Local Road	Alameda County Safe Routes to School	SystMgmt	ALA110093	8			\$8,631	\$8,631
ALA	ACTC	Local Road	Alameda County SR2S Local	Expansion	ALA110098	3			\$1,300	\$1,300
ALA	ACTC	Local Road	Local PDA Planning - Alameda	SystMgmt	ALA110122	6			\$4,411	\$4,411
ALA	ACTC	State Highway	I-580 (TriValley) Right of Way Preservation	Expansion	ALA050006	10	\$3,000	\$6,700		\$9,700
ALA	ACTC	State Highway	SR 84 Expressway Widening	Expansion	ALA050014	11	\$12,000	\$17,510	\$80,809	\$110,319
ALA	ACTC	State Highway	I-880 North Safety Improvements	Expansion	ALA050019	17	\$11,697	\$15,499	\$74,773	\$101,969
ALA	ACTC	State Highway	I-580 (TriValley) Corridor - WB HOV & Connectors	Expansion	ALA070018	14	\$14,600	\$2,630	\$119,589	\$136,819
ALA	ACTC	State Highway	I-580 (TriValley) Corridor - EB HOV Lanes	Expansion	ALA070020	19	\$19,552	\$308	\$159,430	\$179,290
ALA	ACTC	State Highway	I-80 Integrated Corridor Mobility Project	SystMgmt	ALA070041	10	\$12,005	\$150	\$80,700	\$92,855
ALA	ACTC	State Highway	I-880 SB HOV Lanes - Marina Blvd to Hegenberger	Expansion	ALA070042	13	\$14,051	\$1,603	\$100,925	\$116,579
ALA	ACTC	State Highway	I-580 WB HOT Corridor Project	SystMgmt	ALA090004	7	\$10,259	\$170	\$12,965	\$23,393
ALA	ACTC	State Highway	Truck Parking Facilities in North County (Phase I)	SystMgmt	ALA090018	5	\$1,000	\$500	\$500	\$2,000
ALA	ACTC	State Highway	Corridor Mobility Program & Adaptive Ramp Metering	SystMgmt	ALA090019	5	\$146	\$500	\$46,854	\$47,000
ALA	ACTC	State Highway	I-580 WB Auxiliary Lane, First to Isabel	Expansion	ALA090025	4	\$100	\$900		\$1,000
ALA	ACTC	State Highway	I-580 Landscaping in the City of San Leandro	SystMgmt	ALA090067	8			\$350	\$350
ALA	ACTC	State Highway	I-880/Industrial Parkway West Interchange	Expansion	ALA110002	3	\$2,000	\$3,000	\$36,000	\$41,000
ALA	ACTC	State Highway	I-580 Oakland 14th to Arday Noise Barriers	SystMgmt	ALA110004	4	\$100		\$1,500	\$1,600
ALA	ACTC	State Highway	I-580 Eastbound Express/HOT Lanes	SystMgmt	ALA130031	2	\$16,626	\$200	\$14,753	\$31,579
ALA	ACTC	State Highway	I-680 NB HOV/HOT Lane	Expansion	ALA130034	2	\$17,500	\$8,000	\$179,500	\$205,000
ALA	ACTC	State Highway	Route 84 widening, Pigeon Pass to I-680	Expansion	ALA150001	1	\$9,000	\$11,000	\$60,000	\$80,000
ALA	ACTC	State Highway	East-West Connector in Fremont & Union City	Expansion	ALA978004	13	\$10,000	\$5,000	\$88,171	\$103,171
ALA	ACTC	Transit	ALA-Community-Based Transportation Plan Updates	SystMgmt	ALA110107	3			\$594	\$594
ALA	ACTC/Oak/Ala	State Highway	I-880/Broadway-Jackson Interchange	SystMgmt	ALA070009	7	\$8,100	\$16,000	\$90,000	\$114,100

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ALA	Alameda	Local Road	City of Alameda - Park St Streetscape	SystMgmt	ALA070022	12	\$429		\$2,066	\$2,495
ALA	Alameda	Local Road	Shoreline Dr, Westline Dr and Broadway Bike Lanes	SystMgmt	ALA110085	3	\$133		\$831	\$963
ALA	Alameda	Local Road	Alameda City Complete Streets	Maint/Rehab	ALA130022	2	\$170		\$659	\$829
ALA	Alameda County	Local Road	Crow Canyon Safety Improvements	SystMgmt	ALA010003	10	\$950	\$550	\$1,000	\$2,500
ALA	Alameda County	Local Road	Alameda: Vasco Road Safety Improvements	Expansion	ALA030002	20	\$2,352	\$5,774	\$41,026	\$49,152
ALA	Alameda County	Local Road	Cherryland/Ashland/CastroValley/Fairview Sidwklmp	SystMgmt	ALA050035	22	\$1,284		\$5,037	\$6,321
ALA	Alameda County	Local Road	Estuary Bridges Seismic Retrofit and Repairs	Maint/Rehab	ALA090022	4	\$400	\$300	\$3,700	\$4,400
ALA	Alameda County	Local Road	Fruitvale Ave Roadway Bridge Retrofit	Maint/Rehab	ALA090023	4	\$1,000	\$500	\$500	\$2,000
ALA	Alameda County	Local Road	Alameda County: Rural Roads Pavement Rehab	Maint/Rehab	ALA090069	4	\$362		\$2,050	\$2,412
ALA	Alameda County	Local Road	Alameda Co - Central Unincorporated Pavement Rehab	Maint/Rehab	ALA110026	3	\$57	\$12	\$1,210	\$1,279
ALA	Alameda County	Local Road	Alameda Co-Various Streets and Roads Preservation	Maint/Rehab	ALA130018	2	\$113		\$1,768	\$1,881
ALA	Alameda County	Local Road	Niles Canyon Rd (SR 84)/Pleas-Sunol Rd Inter. Imps	SystMgmt	ALA150002	1	\$500	\$300	\$1,700	\$2,500
ALA	Alameda County	Local Road	E. 14th St/Mission Blvd Streetscape	SystMgmt	ALA091077	14	\$815		\$4,881	\$5,696
ALA	Albany	Local Road	Albany - Buchanan Bicycle and Pedestrian Path	Expansion	ALA110030	3	\$566	\$55	\$1,923	\$2,544
ALA	BART	Transit	BART - Warm Springs Extension	Expansion	ALA050015	9	\$44,778	\$98,318	\$746,904	\$890,000
ALA	BART	Transit	BART Station Electronic Bike Lockers, Ph. 2	SystMgmt	ALA070051	7			\$543	\$543
ALA	BART	Transit	BART: Fare Collection Equipment	Maint/Rehab	ALA090065	7			\$18,345	\$18,345
ALA	BART	Transit	MacArthur BART Plaza Remodel	Maint/Rehab	ALA090068	9	\$636		\$3,379	\$4,015
ALA	BART	Transit	Hayward Shop and Yard Expansion	Expansion	ALA110003	4	\$5,000	\$7,000	\$110,000	\$122,000
ALA	BART	Transit	Downtown Berkeley BART Plaza/Transit Area Imps.	SystMgmt	ALA110032	6	\$963		\$10,456	\$11,419
ALA	BART	Transit	Enterprise Asset Management	Maint/Rehab	ALA110090	4	\$2,500			\$2,500
ALA	BART	Transit	Bicycle Lockers at Capitol Corridor Stations	SystMgmt	ALA110115	5	\$25		\$556	\$581
ALA	BART	Transit	BART Train Car Accident Repair	Maint/Rehab	ALA110121	4			\$1,687	\$1,687
ALA	BART	Transit	BART to Livemore Extension - Develop EIR	Expansion	ALA130007	2	\$14,799			\$14,799
ALA	BART	Transit	BART Metro Priority Track Elements	Expansion	ALA130032	3	\$3,752		\$4,748	\$8,500
ALA	BART	Transit	BART Oakland Airport Connector	Expansion	BRT990002	22	\$15,232	\$10,000	\$458,768	\$484,000
ALA	Berkeley	Local Road	Berkeley Bay Trail Extension - Segment One	Expansion	ALA090062	2	\$340		\$2,241	\$2,581
ALA	Berkeley	Local Road	City of Berkeley Transportation Action Plan - TDM	SystMgmt	ALA110007	4	\$2,260			\$2,260
ALA	Berkeley	Local Road	Shattuck Complete Streets and De-couplet	SystMgmt	ALA130026	2	\$610		\$3,152	\$3,762
ALA	Berkeley	Local Road	Hearst Avenue Complete Streets	SystMgmt	ALA130028	3	\$545		\$2,866	\$3,411
ALA	Berkeley	Public Lands/Trails	Bay Trail Shoreline Access Staging Area Project	Expansion	ALA130035	2	\$281		\$1,859	\$2,140
ALA	Berkeley	State Highway	I-80 Gilman Interchange Reconfiguration	Expansion	ALA050079	10	\$1,392	\$1,000	\$4,567	\$6,959
ALA	Caltrans	State Highway	I-238 Widening Replacement Planting	Expansion	ALA070060	9	\$559		\$3,500	\$4,059
ALA	Caltrans	State Highway	I-580 N. Flynn-Greenville EB Truck Climbing Lane	Expansion	ALA090028	6	\$14,400	\$0	\$63,000	\$77,400
ALA	Caltrans	State Highway	Reconst I-880/SR92 Inter - Repl Planting & Irrigat	Maint/Rehab	ALA130029	2			\$1,260	\$1,260
ALA	Caltrans	State Highway	I-880/SR 262 I/C and HOV lanes	Expansion	ALA978027	26	\$13,150	\$47,263	\$70,891	\$131,304
ALA	Caltrans	State Highway	I-680 Sunol Grade Southbound HOV Lanes - SCL Final	Expansion	SCL991077	11			\$8,308	\$8,308
ALA	Caltrans	Transit	Environmental Study for ACE Alignment	Expansion	ALA110086	3	\$300			\$300
ALA	Dublin	Local Road	Alamo Canal Regional Trail, I-580 Undercrossing	Expansion	ALA090066	7			\$2,651	\$2,651
ALA	Dublin	Local Road	Dublin Citywide Street Resurfacing	Maint/Rehab	ALA110024	3	\$54		\$618	\$672
ALA	Dublin	Local Road	West Dublin BART Golden Gate Drive Streetscape	Expansion	ALA110034	4	\$103		\$1,783	\$1,886
ALA	Dublin	Local Road	Dougherty Road widening	Expansion	ALA130005	2	\$1,100	\$2,160	\$15,600	\$18,860
ALA	Dublin	Local Road	Dublin Boulevard widening	Expansion	ALA130006	2	\$400	\$600	\$3,200	\$4,200
ALA	Dublin	Local Road	Dublin Boulevard Preservation	Maint/Rehab	ALA130012	2	\$91		\$638	\$729
ALA	Dublin	Local Road	Dublin Blvd. - North Canyons Pkwy Ext. Study	Expansion	ALA150003	1	\$350			\$350
ALA	EB Reg Park Dis	Public Lands/Trails	East Bay Parks Green Transportation Initiative	Expansion	ALA110011	5	\$2,350		\$15,460	\$17,810
ALA	Emeryville	Local Road	Emeryville - Hollis Street Preservation	Maint/Rehab	ALA130021	2	\$10	\$1	\$701	\$712
ALA	Fremont	Local Road	Fremont CBD/Midtown Streetscape	SystMgmt	ALA110012	6	\$100		\$2,001	\$2,101
ALA	Fremont	Local Road	Walnut Argonaut Lane Reduction & Roundabout	SystMgmt	ALA110045	3	\$67		\$518	\$585

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ALA	Fremont	Local Road	Widen Kato Rd from Warren Avenue to Millmont Drive	Expansion	ALA130001	2	\$400		\$12,290	\$12,690
ALA	Fremont	Local Road	Fremont Various Streets and Roads Preservation	Maint/Rehab	ALA130020	2	\$400	\$2	\$3,510	\$3,912
ALA	Fremont	Local Road	Fremont City Center Multi-Modal Improvements	Expansion	ALA130025	2	\$943	\$5,300	\$8,099	\$14,342
ALA	Hayward	Local Road	South Hayward BART Area/Dixon Street Streetscape	SystMgmt	ALA110035	6	\$325	\$450	\$1,540	\$2,315
ALA	Hayward	Local Road	Hayward - Industrial Boulevard Preservation	Maint/Rehab	ALA130013	2	\$80		\$1,429	\$1,509
ALA	Hayward	Local Road	Route 238 Corridor Improvement	Expansion	ALA977007	11	\$11,200	\$23,050	\$66,250	\$100,500
ALA	Hayward	State Highway	Rt 92/Clawiter/Whitesell Interchange Improvements	Expansion	ALA090016	4	\$4,200	\$6,600	\$44,200	\$55,000
ALA	Hayward	State Highway	I-880 Auxiliary lanes at Industrial Parkway	Expansion	ALA090020	6	\$1,510	\$250	\$8,040	\$9,800
ALA	Hayward	State Highway	I-880 NB and SB Auxiliary lanes	Expansion	ALA090021	5	\$3,073	\$2,257	\$17,860	\$23,190
ALA	LAVTA	Transit	LAVTA: Preventive Maintenance	Maint/Rehab	ALA030030	16			\$11,692	\$11,692
ALA	LAVTA	Transit	LAVTA: Rideo Bus Restoration	Maint/Rehab	ALA110005	4			\$200	\$200
ALA	LAVTA	Transit	LAVTA - East Bay Radio Communication System Hookup	Maint/Rehab	ALA110095	3			\$640	\$640
ALA	LAVTA	Transit	LAVTA: ADA Paratransit Operating Subsidy	Operations	ALA990077	19			\$5,279	\$5,279
ALA	Livermore	Local Road	Livermore TOD Study at I-580/SR84	SystMgmt	ALA110120	5			\$645	\$645
ALA	Livermore	Local Road	Livermore Various Streets Preservation	Maint/Rehab	ALA130010	2	\$117		\$1,249	\$1,366
ALA	Livermore	Transit	Livermore Relocation and Restoration of R/R Depot	Maint/Rehab	ALA130011	3	\$300		\$2,825	\$3,125
ALA	MTC	Local Road	Regional Planning Activities and PPM - Alameda	SystMgmt	ALA090030	14	\$21,597			\$21,597
ALA	MTC	Local Road	SFOBB Gateway Park	Expansion	ALA110104	4	\$5,500		\$11,000	\$16,500
ALA	MTC	Local Road	Improved Bike/Ped Access to East Span of SFOBB	Expansion	ALA130030	3	\$4,500		\$32,000	\$36,500
ALA	Newark	Local Road	Central Avenue Railroad Overpass at UPRR	SystMgmt	ALA010052	11	\$4,200	\$2,235	\$12,646	\$19,081
ALA	Newark	Local Road	Newark - Cedar Blvd and Jarvis Ave Pavement Rehab	Maint/Rehab	ALA110016	3	\$15		\$785	\$800
ALA	Newark	Local Road	Enterprise Drive Complete Streets and Road Diet	SystMgmt	ALA130027	2	\$10	\$2	\$748	\$760
ALA	Oakland	Local Road	Oakland Waterfront Bay Trail	Expansion	ALA070039	7	\$3,968		\$55,831	\$59,799
ALA	Oakland	Local Road	Various Streets Resurfacing and Bikeway Facilities	Maint/Rehab	ALA110006	4	\$633	\$76	\$4,114	\$4,823
ALA	Oakland	Local Road	Lake Merritt Improvement Project	SystMgmt	ALA110072	4			\$828	\$828
ALA	Oakland	Local Road	Oakland Bay Trail to Lake Merritt Bike/Ped Bridge	Expansion	ALA130003	2	\$200		\$1,800	\$2,000
ALA	Oakland	Local Road	Oakland 19th Street Uptown Bike Station	Expansion	ALA130004	2	\$75		\$531	\$606
ALA	Oakland	Local Road	7th Street West Oakland Transit Village, Phase II	SystMgmt	ALA130014	2	\$352		\$3,744	\$4,096
ALA	Oakland	Local Road	Lake Merritt BART Bikeways	SystMgmt	ALA130015	4	\$305		\$2,484	\$2,789
ALA	Oakland	Local Road	Oakland Complete Streets	Maint/Rehab	ALA130016	3	\$528		\$3,823	\$4,351
ALA	Oakland	Local Road	Oakland - Peralta and MLK Blvd Streetscape Phase I	SystMgmt	ALA130017	2	\$480		\$6,159	\$6,639
ALA	Oakland	Local Road	Lakeside Complete Streets and Road Diet	SystMgmt	ALA130024	3	\$965		\$12,740	\$13,705
ALA	Oakland	Local Road	42nd Ave. & High St. I-880 Access Improv.	Expansion	ALA991081	13	\$1,800	\$5,990	\$9,736	\$17,526
ALA	Oakland	Port/Freight Rail	Oakland Army Base Infrastructure Improvements	Expansion	ALA110046	3	\$26,239		\$189,041	\$215,280
ALA	Piedmont	Local Road	Piedmont Complete Streets (CS)	Maint/Rehab	ALA130019	2	\$27		\$533	\$560
ALA	Pleasanton	Local Road	Pleasanton Complete Streets	Expansion	ALA110031	5	\$200		\$804	\$1,004
ALA	Pleasanton	Local Road	I-680/Bernal Avenue interchange improvements	Maint/Rehab	ALA130009	2	\$55		\$1,015	\$1,070
ALA	Pleasanton	State Highway	I-580 / Foothill Road interchange improvements	Expansion	ALA090010	4	\$1,000	\$500	\$2,500	\$4,000
ALA	Port of Oakland	Local Road	7th Street Grade Separation and Roadway Improvement	Expansion	ALA090013	4	\$200	\$250	\$3,300	\$3,750
ALA	Port of Oakland	Port/Freight Rail	California Inter-regional Rail Intermodal Study	Expansion	ALA090027	5	\$27,583	\$6,891	\$186,030	\$220,504
ALA	Port of Oakland	Port/Freight Rail	Outer Harbor Intermodal Rail Terminals (OHIIT)	Expansion	ALA070054	7	\$984		\$984	\$984
ALA	Port of Oakland	Port/Freight Rail	Shore Power Initiative	Expansion	ALA090026	5	\$13,800	\$0	\$92,200	\$106,000
ALA	San Leandro	Local Road	SR 185 - E. 14th St/ Hesperian Blvd/150th Ave	SystMgmt	ALA110010	4	\$2,341		\$10,902	\$13,243
ALA	San Leandro	Local Road	San Leandro Downtown-BART Pedestrian Interface	Expansion	ALA050002	7	\$684	\$800	\$1,916	\$3,400
ALA	San Leandro	Local Road	San Leandro Boulevard Preservation	SystMgmt	ALA110027	3	\$640		\$5,794	\$6,214
ALA	San Leandro	Local Road	I-880/SR 112 Overcrossing Replacement	Maint/Rehab	ALA130008	3	\$71		\$1,476	\$1,547
ALA	San Leandro	State Highway	I-880/Marina Blvd Interchange and Overcrossing Rep	Expansion	ALA070014	10	\$550		\$5,039	\$5,589
ALA	Union C Transit	Transit	Union City Transit: Replace Two 35' Buses	Expansion	ALA090012	5	\$1,000	\$500	\$24,400	\$25,900
ALA	Union C Transit	Transit		Maint/Rehab	ALA090031	6			\$22	\$22

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ALA	Union C Transit	Transit	Union City: Replacement of Four (4) Transit Buses	Maint/Rehab	ALA090061	4	\$2,074			\$2,074
ALA	Union C Transit	Transit	Union City: Replacement of Two (2) Transit Buses	Maint/Rehab	ALA110114	3			\$1,191	\$1,191
ALA	Union C Transit	Transit	Union City: Replacement of Two (2) Transit Buses	Maint/Rehab	ALA130033	2			\$736	\$736
ALA	Union City	Local Road	Union City Blvd Corridor Bicycle Imp. Phase 1	Expansion	ALA110028	3	\$100		\$1,760	\$1,860
ALA	Union City	Local Road	Whipple Road Pavement Rehabilitation	Maint/Rehab	ALA130023	2	\$25		\$736	\$761
ALA	Union City	Transit	Union City Intermodal Station Infrastructure	Expansion	ALA090015	6			\$23,020	\$23,020
ALA	Union City	Transit	Union City BART East Plaza Enhancements	SystMgmt	ALA110036	3	\$1,166		\$8,354	\$9,520
ALA	Union City	Transit	Union City Intermodal Station Infrastructure	Expansion	ALA990015	28	\$4,070	\$2,000	\$55,207	\$61,276
ALA	WEITA	Transit	Central Bay Operations and Maintenance Facility	Expansion	ALA110001	8	\$625		\$37,550	\$38,175
Totals for Alameda County							\$518,215	\$320,756	\$4,749,254	\$5,588,225

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CC	AC Transit	Transit	AC Transit: Richmond Pkwy Transit Center	Expansion	CC-030001	13	\$725		\$18,075	\$18,800
CC	Antioch	Local Road	Antioch - Wilbur Ave Bridge Widening	Expansion	CC-050002	15	\$1,145	\$280	\$13,795	\$15,220
CC	Antioch	Local Road	Somersville Road Widening	Expansion	CC-070004	6	\$600	\$100	\$10,000	\$10,700
CC	Antioch	Local Road	Hillcrest Ave Extension	Expansion	CC-070005	5	\$350		\$2,000	\$2,350
CC	Antioch	Local Road	Sand Creek Road Extension	Expansion	CC-070006	5	\$350		\$2,000	\$2,350
CC	Antioch	Local Road	Antioch - Empire Road Widening	Expansion	CC-070007	5	\$500		\$1,000	\$1,500
CC	Antioch	Local Road	Laurel Road Extension	Expansion	CC-070008	6	\$900	\$50	\$5,000	\$5,950
CC	Antioch	Local Road	Slatten Ranch Road Extension - Lone Tree to Laurel	Expansion	CC-070009	5	\$350		\$1,000	\$1,350
CC	Antioch	Local Road	Antioch - Wild Horse Road Extension	Expansion	CC-070010	5	\$200	\$5	\$2,000	\$2,205
CC	Antioch	Local Road	Fitzuren Road Widening & Realignment	Expansion	CC-090011	4	\$1,000	\$1,000	\$8,000	\$10,000
CC	Antioch	Local Road	Antioch Ninth Street Preservation	Maint/Rehab	CC-130019	4	\$50		\$1,530	\$1,580
CC	Antioch	Local Road	Antioch - SRTS Pedestrian Improvements	SystMgmt	CC-130022	3	\$20		\$500	\$520
CC	BAIFA	Tollway	I-680 Express Lane: Alcosta to Livorna/Rudgear	SystMgmt	CC-130043	2	\$6,600	\$700	\$40,500	\$47,800
CC	BART	Local Road	Richmond Transit Village Transit & Ped Imps	SystMgmt	CC-010021	13	\$9		\$1,141	\$1,150
CC	BART	Transit	E-BART - East Contra Costa Rail Extension	Expansion	CC-050025	9	\$58,600	\$106,390	\$294,921	\$459,911
CC	BART	Transit	BART Community Information Wayfinding	SystMgmt	CC-090063	6	\$200		\$1,350	\$1,550
CC	BART	Transit	Walnut Creek BART TOD Access Improvements	SystMgmt	CC-110082	4			\$9,150	\$9,150
CC	BART	Transit	eBART Railroad Avenue Station	Expansion	CC-130002	2	\$1,500		\$17,000	\$18,500
CC	BART	Transit	Richmond BART Station Intermodal Improvements	SystMgmt	CC-130014	2	\$400		\$4,331	\$4,731
CC	BART	Transit	BART Station Modernization Program	SystMgmt	CC-130048	2	\$3,500		\$16,250	\$19,750
CC	Brentwood	Local Road	SR4/Brentwood Boulevard Widening - North (Phase I)	Expansion	CC-070011	6	\$695	\$860	\$5,128	\$6,683
CC	Brentwood	Local Road	SR4 (Brentwood Boulevard) Widening (South)	Expansion	CC-070012	7	\$703	\$600	\$3,350	\$4,653
CC	Brentwood	Local Road	Lone Tree Way Undercrossing	Expansion	CC-070013	6	\$1,934	\$2,195	\$14,624	\$18,753
CC	Brentwood	Local Road	Lone Tree Way Widening	Expansion	CC-070014	6	\$1,705	\$3,080	\$10,730	\$15,515
CC	Brentwood	Local Road	Central Blvd Widening (Phase II)	Expansion	CC-070015	6	\$600	\$500	\$3,685	\$4,785
CC	Brentwood	Local Road	John Muir Parkway Extension (Phase I)	Expansion	CC-070077	8	\$520	\$700	\$4,169	\$5,389
CC	Brentwood	Local Road	John Muir Parkway Extension: Ph. II	Expansion	CC-070078	8	\$593	\$1,825	\$4,578	\$6,996
CC	Brentwood	Local Road	Brentwood Blvd North Widening - Phases II & III	Expansion	CC-090021	4	\$2,695	\$2,080	\$7,250	\$12,025
CC	Brentwood	Local Road	Brentwood 2012 Pavement Management Program	Maint/Rehab	CC-110009	3	\$45	\$5	\$1,292	\$1,342
CC	Brentwood	Local Road	Brentwood Area Schools Bike/Ped Access Imps	Expansion	CC-110052	7	\$5		\$488	\$493
CC	Brentwood	Local Road	Balfour Road Preservation	Maint/Rehab	CC-130018	3	\$29		\$480	\$509
CC	Caltrans	Port/Freight Rail	Richmond Rail Connector	Expansion	CC-090032	10	\$850	\$4,590	\$17,210	\$22,650
CC	Caltrans	State Highway	SR 24 - Caldecott Tunnel 4th Bore	Expansion	CC-010002	20	\$53,950	\$1,100	\$365,296	\$420,346
CC	Caltrans	Transit	Double rail track btw Oakley & Port Chicago	Expansion	CC-090010	5	\$1,000		\$27,071	\$28,071
CC	CC County	Local Road	Contra Costa County Vasco Road Safety Improvements	SystMgmt	CC-050030	15	\$4,400	\$200	\$28,929	\$33,529
CC	CC County	Local Road	Pacheco Blvd Widening and Realignment	Expansion	CC-070018	5	\$1,550	\$50	\$14,570	\$16,170
CC	CC County	Local Road	Kirker Pass Road NB Truck Climbing Lanes	Expansion	CC-070075	6	\$3,215	\$136	\$9,649	\$13,000
CC	CC County	Local Road	Byron Hwy Extension	Expansion	CC-070079	5	\$1,000	\$900	\$8,000	\$9,900
CC	CC County	Local Road	Byron Highway - Vasco Road Connection	Expansion	CC-070081	5	\$500	\$450	\$3,700	\$4,650
CC	CC County	Local Road	North Richmond Truck Route Extension	Expansion	CC-090003	4	\$1,800	\$5,100	\$13,000	\$19,900
CC	CC County	Local Road	Contra Costa Co. Camino Tassajara Realignment	Expansion	CC-090022	4	\$1,300	\$2,000	\$11,000	\$14,300
CC	CC County	Local Road	Dougherty Road widening	Expansion	CC-090024	4	\$3,600	\$10,000	\$20,000	\$33,600
CC	CC County	Local Road	Canal Road Bicycle and Pedestrian Facilities	Expansion	CC-110084	3	\$489	\$90	\$1,267	\$1,846
CC	CC County	Local Road	Bailey Road-State Route 4 Interchange	SystMgmt	CC-130001	2	\$2,320		\$5,000	\$7,320
CC	CC County	Local Road	Bailey Road Bike and Pedestrian Improvements	Expansion	CC-130003	2	\$1,960	\$1,000	\$9,800	\$12,760
CC	CC County	Local Road	Contra Costa County Various Streets & Road Preserv	Maint/Rehab	CC-130004	2	\$220		\$3,208	\$3,428
CC	CC County	Local Road	Port Chicago Hwy/Willow Pass Rd Bike Ped Upgrades	Expansion	CC-130027	2	\$592		\$1,205	\$1,797
CC	CC County	Local Road	West Contra Costa SRTS Non-Infrastructure Program	SystMgmt	CC-130034	2			\$710	\$710
CC	CCCTA	Transit	CCCTA: Preventive Maintenance Program	Maint/Rehab	CC-030034	14			\$19,549	\$19,549

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CC	CCCTA	Transit	Pacheco Transit Hub	Expansion	CC-050010	8	\$167		\$2,639	\$2,806
CC	CCCTA	Transit	CCCTA - Replace 10 40' buses - Hybrid	Maint/Rehab	CC-110061	3			\$7,034	\$7,034
CC	CCCTA	Transit	CCCTA: Replace 4 LINK Vans	Maint/Rehab	CC-110062	3			\$465	\$465
CC	CCCTA	Transit	CCCTA: Replace 4 Minivans	Maint/Rehab	CC-110063	3			\$217	\$217
CC	CCCTA	Transit	CCCTA: Maintenance Facility Rehabilitation	Maint/Rehab	CC-110064	3			\$600	\$600
CC	CCCTA	Transit	CCCTA: Inventory Asset Management System	Maint/Rehab	CC-110065	3			\$375	\$375
CC	CCCTA	Transit	Replace Diesel Trolleys with Electric TrolleyBuses	Maint/Rehab	CC-110083	3			\$5,400	\$5,400
CC	CCCTA	Transit	CCCTA: Replace 7 30' Buses	Maint/Rehab	CC-110095	5			\$3,550	\$3,550
CC	CCCTA	Transit	CCCTA - Replace 6 22' Paratransit Vans	Maint/Rehab	CC-110096	3			\$502	\$502
CC	CCCTA	Transit	CCCTA - Replace 4 Paratransit Minivans	Maint/Rehab	CC-110097	3			\$225	\$225
CC	CCCTA	Transit	CCCTA - Purchase and Install 40 Elec. Cooling Fans	Maint/Rehab	CC-110098	3			\$400	\$400
CC	CCCTA	Transit	CCCTA - Replace 15 40' Buses	Maint/Rehab	CC-110099	3			\$8,223	\$8,223
CC	CCCTA	Transit	CCCTA - Replace 18 40' Buses	Maint/Rehab	CC-110100	6			\$11,496	\$11,496
CC	CCCTA	Transit	511 Real-Time Interface Project	SystMgmt	CC-130044	2			\$114	\$114
CC	CCCTA	Transit	CCCTA: Access Improvements Implementation	SystMgmt	CC-130045	2			\$205	\$205
CC	CCCTA	Transit	CCCTA: ADA Paratransit Assistance	Operations	CC-991001	18			\$11,897	\$11,897
CC	CCCTA	Local Road	Mokelumne Trail Bike/Ped Overcrossing	Expansion	CC-070067	7	\$600	\$1,000	\$4,500	\$6,100
CC	CCCTA	Local Road	Local PDA Planning - Contra Costa	SystMgmt	CC-110101	5	\$3,101		\$3,101	\$3,101
CC	CCCTA	State Highway	I-680/SR 4 I/C Reconstruction - Phases 1, 2, 4 & 5	Expansion	CC-010023	13	\$29,060	\$5,606	\$334,650	\$369,316
CC	CCCTA	State Highway	I-680 Auxiliary Lanes	Expansion	CC-030005	11	\$3,784		\$30,217	\$34,001
CC	CCCTA	State Highway	Sr 4 East Widening from Somersville to SR 160	Expansion	CC-030028	15	\$35,300	\$62,100	\$287,402	\$384,802
CC	CCCTA	State Highway	I-680 SB HOV Lane Completion	Expansion	CC-050028	11	\$8,485	\$1,000	\$75,157	\$84,642
CC	CCCTA	State Highway	I-680 NB HOV Lane Extension	Expansion	CC-070022	7	\$6,000	\$1,000	\$41,000	\$48,000
CC	CCCTA	State Highway	Reconstruct I-80/San Pablo Dam Rd Interchange	Expansion	CC-070035	9	\$9,000	\$21,117	\$83,883	\$114,000
CC	CCCTA	State Highway	SR4 Bypass: Laurel Rd to Sand Creek	Expansion	CC-070049	8	\$2,600	\$1,000	\$13,000	\$16,600
CC	CCCTA	State Highway	SR4: Balfour Road Interchange	Expansion	CC-070053	6	\$3,600	\$7,400	\$35,400	\$46,400
CC	CCCTA	State Highway	SR4/ SR160 Interchange and Connectors	Expansion	CC-070054	6	\$5,000	\$100	\$45,000	\$50,100
CC	CCCTA	State Highway	SR4 Bypass: Sand Creek Interchange	Expansion	CC-070057	7	\$3,800	\$1,000	\$20,000	\$24,800
CC	CCCTA	State Highway	SR 239 - New State Highway Study	Expansion	CC-110066	4	\$29,244		\$29,244	\$29,244
CC	CCCTA	State Highway	Interstate 80 Corridor Real Time Rideshare	SystMgmt	CC-130035	2			\$403	\$403
CC	CCCTA	State Highway	I-680 / SR 4 Interchange Reconstruction - Phase 3	Expansion	CC-130046	3	\$9,050	\$330	\$46,650	\$56,030
CC	Clayton	Local Road	Clayton Various Streets Preservation	Maint/Rehab	CC-130030	3	\$40		\$437	\$477
CC	Concord	Local Road	Commerce Avenue Extension	Expansion	CC-070026	7	\$1,634	\$1,155	\$5,711	\$8,500
CC	Concord	Local Road	Waterworld Parkway Extension and New Bridge	Expansion	CC-070027	7	\$1,800	\$200	\$10,500	\$12,500
CC	Concord	Local Road	Concord Blvd. Gap Closure, Phase 2	Expansion	CC-070030	6	\$195	\$15	\$1,010	\$1,220
CC	Concord	Local Road	Concord Clayton Road/Treat Blvd Intersection Imps.	SystMgmt	CC-090023	5	\$280	\$300	\$2,100	\$2,680
CC	Concord	Local Road	Ygnacio Valley/Kirker Pass Roads Widening	Expansion	CC-090026	5	\$800	\$1,000	\$10,200	\$12,000
CC	Concord	Local Road	Monument Corridor Pedestrian and Bikeway Network I	Expansion	CC-090067	8	\$173	\$15	\$1,286	\$1,474
CC	Concord	Local Road	Concord Blvd Pavement Rehabilitation	Maint/Rehab	CC-110010	3	\$256	\$5	\$2,426	\$2,687
CC	Concord	Local Road	Concord Monument Corridor Shared Use Trail	Expansion	CC-110019	5	\$114	\$5	\$549	\$668
CC	Concord	Local Road	Concord BART Station Bike/Ped Access Improvements	Expansion	CC-130006	3	\$213	\$20	\$1,138	\$1,371
CC	Concord	Local Road	Detroit Avenue Bicycle and Pedestrian Improvements	Expansion	CC-130011	4	\$224	\$156	\$2,054	\$2,434
CC	Concord	Local Road	Concord Various Street Preservation	Maint/Rehab	CC-130012	3	\$103	\$42	\$959	\$1,104
CC	Concord	Local Road	Ped/Bike Traffic Signal at Oak Grove Rd/Sierra Rd	SystMgmt	CC-130013	2	\$114		\$456	\$570
CC	Concord	State Highway	SR 242 / Clayton Road Interchange Improvements	Expansion	CC-070024	7	\$3,500	\$4,000	\$27,220	\$34,720
CC	Concord	State Highway	SR4/Wilow Pass Interchange Improvements	Expansion	CC-070025	5	\$3,000	\$2,000	\$28,000	\$33,000
CC	Danville	Local Road	Crow Canyon/Camino Tassajara Intersection Imps	Maint/Rehab	CC-050075	12	\$391	\$5	\$5,734	\$6,130
CC	Danville	Local Road	Diablo Road Imps. - Green Valley to Avenida Neuva	Maint/Rehab	CC-090001	4	\$600	\$60	\$3,500	\$4,160
CC	Danville	Local Road	San Ramon Valley Street Smarts SR2S Program	SystMgmt	CC-110050	3			\$413	\$413

Metropolitan Transportation Commission
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Report by Phase

(All funding shown in \$1,000s)

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County	Sponsor	System	Project Title	Purpose	TIP ID	Ver	PE	ROW	CON	Total Funding
CC	Danville	Local Road	Danville Various Streets and Roads Preservation	Maint/Rehab	CC-130023	2	\$159		\$896	\$1,055
CC	Danville	Local Road	Vista Grande Street Pedestrian Improvements/SR2S	Expansion	CC-130038	3	\$20		\$178	\$198
CC	Danville	Transit	San Ramon Valley Bus Program	Expansion	CC-090004	4			\$8,000	\$8,000
CC	EB Reg Park Dis	Local Road	Atlas Road - New Bridge and Roadway Extension	Expansion	CC-070063	6	\$450		\$1,702	\$2,152
CC	EB Reg Park Dis	Public Lands/Trails	Conta Costa Parks Bike/Ped Trail Improvements	Maint/Rehab	CC-070033	9	\$72		\$879	\$951
CC	EB Reg Park Dis	Public Lands/Trails	Breuner Marsh Restoration and Public Access	Expansion	CC-130049	3	\$2,000		\$3,945	\$5,945
CC	EB Reg Park Dis	Public Lands/Trails	SF Bay Trail, Pinole Shores to Bay Front Park	Expansion	CC-130050	2	\$310		\$3,120	\$3,430
CC	ECCTA	Transit	Tri-Delta: ADA Operating Assistance	Operations	CC-030035	13			\$6,343	\$6,343
CC	ECCTA	Transit	ECCTA: Preventive Maintenance Program	Maint/Rehab	CC-030037	14			\$3,439	\$3,439
CC	ECCTA	Transit	ECCTA: Transit Bus Replacements	Maint/Rehab	CC-070092	14			\$39,842	\$39,842
CC	El Cerrito	Local Road	Del Norte Area TOD Bike/Ped/Transit Access Imps	SystMgmt	CC-070046	8	\$1,000	\$500	\$5,875	\$7,375
CC	El Cerrito	Local Road	San Pablo Avenue Streetscape	SystMgmt	CC-070074	11	\$700	\$10	\$3,806	\$4,516
CC	El Cerrito	Local Road	Moeser & Ashbury Ped/Bike Corridor Improvements	Expansion	CC-090066	7	\$40		\$1,055	\$1,095
CC	El Cerrito	Local Road	El Cerrito Central Ave & Liberty St Streetscape Imp	SystMgmt	CC-110005	4	\$109	\$5	\$1,072	\$1,186
CC	El Cerrito	Public Lands/Trails	El Cerrito Various Streets and Roads Preservation	Maint/Rehab	CC-130021	2	\$102		\$839	\$941
CC	El Cerrito	Local Road	El Cerrito Ohlone Greenway Bike/Ped Improvements	Expansion	CC-130024	2	\$535		\$3,384	\$3,919
CC	Hercules	Local Road	Refugio Bridge - Bike, Ped & Vehicle Connectivity	Expansion	CC-070086	5	\$340		\$8,401	\$8,741
CC	Hercules	Local Road	Central Hercules Arterial Improvements	Expansion	CC-090008	4	\$500	\$900	\$1,336	\$2,736
CC	Hercules	Local Road	Hercules (Bio-Rad) Bay Trail	Expansion	CC-090065	5	\$567		\$4,045	\$4,612
CC	Hercules	Local Road	Hercules-Refugio Valley Road Pavement Preservation	Maint/Rehab	CC-130040	2	\$80		\$794	\$874
CC	Hercules	State Highway	SR4/Willow Avenue Ramps	SystMgmt	CC-070051	6	\$2,466	\$3,810	\$14,740	\$21,016
CC	Hercules	Transit	Hercules Intercity Rail Station - Phase 1	Expansion	CC-030002	15	\$3,500	\$2,162	\$19,204	\$24,866
CC	Hercules	Transit	Construct Phase 2 of Hercules Intermodal Station	Expansion	CC-090009	6	\$190	\$100	\$47,100	\$47,390
CC	Lafayette	Local Road	Lafayette Downtown Bike/Ped Imp & Streetscape	SystMgmt	CC-110006	6	\$182	\$5	\$2,114	\$2,301
CC	Lafayette	Local Road	Mt. Diablo Blvd West End Preservation	Maint/Rehab	CC-130009	2	\$76		\$584	\$660
CC	Lafayette	Local Road	Happy Valley Rd, Walkway SRTS Improvements	Expansion	CC-130010	4	\$16		\$113	\$129
CC	Martinez	Local Road	Martinez - Court Street Overcrossing, Phase 1	Expansion	CC-090005	5	\$1,455	\$970	\$7,275	\$9,700
CC	Martinez	Local Road	Martinez Various Streets and Roads Preservation	Maint/Rehab	CC-130025	3	\$100		\$1,185	\$1,285
CC	Martinez	State Highway	I-680/Marina Vista I/C Improvements	Expansion	CC-070038	6	\$2,000	\$500	\$5,396	\$7,896
CC	Martinez	Transit	Martinez Intermodal Station Parking Expansion	Expansion	CC-030004	7	\$400	\$10,500	\$9,100	\$20,000
CC	Moraga	Local Road	Moraga Way Streetscape	SystMgmt	CC-110055	4	\$15		\$625	\$640
CC	Moraga	Local Road	Moraga Various Streets and Roads Preservation	Maint/Rehab	CC-130020	2	\$92		\$709	\$801
CC	Moraga	Local Road	Moraga Rd SRTS Bicycle and Ped Improvements	Expansion	CC-130037	2	\$14		\$113	\$127
CC	MTC	Local Road	Regional Planning Activities and PPM - CC County	SystMgmt	CC-090035	14	\$13,175			\$13,175
CC	Oakley	Local Road	Main Street Widening	SystMgmt	CC-070065	7	\$300	\$50	\$1,531	\$1,881
CC	Oakley	Local Road	Oakley Various Streets and Roads Preservation	Expansion	CC-090015	4	\$630	\$1,000	\$11,000	\$12,630
CC	Oakley	Local Road	Moraga Way Pedestrian Pathway	Maint/Rehab	CC-130031	2	\$134		\$1,031	\$1,165
CC	Orinda	Local Road	Orinda SRTS Sidewalk Project	Expansion	CC-110048	3	\$37		\$221	\$258
CC	Orinda	Local Road	Ivy Drive Pavement Rehabilitation	Expansion	CC-130036	3	\$12		\$113	\$125
CC	Pinole	Local Road	Pinole - San Pablo Avenue Preservation	Maint/Rehab	CC-130042	2	\$72		\$552	\$624
CC	Pinole	Local Road	Widen Pinole Valley Road ramps at I-80	Maint/Rehab	CC-130015	3	\$45	\$10	\$750	\$805
CC	Pittsburg	State Highway	California Avenue Widening	Expansion	CC-090017	4	\$50	\$100	\$637	\$787
CC	Pittsburg	Local Road	West Leland Extension, Phase II	Expansion	CC-070041	5	\$900	\$7,900	\$4,600	\$13,400
CC	Pittsburg	Local Road	Pittsburg-Antioch Highway Widening	Expansion	CC-070043	5	\$1,800	\$900	\$8,900	\$11,600
CC	Pittsburg	Local Road	James Donlon Extension (Buchanan Rd Bypass)	Expansion	CC-070044	5	\$1,300	\$690	\$3,000	\$4,990
CC	Pittsburg	Local Road	Bailey Road Transit Access Improvements	Expansion	CC-070045	5	\$4,400	\$500	\$28,600	\$33,500
CC	Pittsburg	Local Road	Pittsburg Railroad Avenue Pavement Rehab	SystMgmt	CC-070084	7	\$184	\$45	\$1,969	\$2,198
CC	Pittsburg	Local Road	Pittsburg N. Parkside Dr, Bike Lanes and Sidewalks	Maint/Rehab	CC-110012	3	\$125	\$5	\$1,100	\$1,230
CC	Pittsburg	Local Road		Expansion	CC-110017	3	\$105	\$5	\$1,041	\$1,151

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CC	Pittsburg	Local Road	Pittsburg - Railroad Avenue Preservation	Maint/Rehab	CC-130016	3	\$39		\$299	\$338
CC	Pittsburg	Local Road	Pittsburg School Area Safety Improvements	SystMgmt	CC-130017	4	\$27		\$203	\$230
CC	Pittsburg	Transit	Pittsburg Multimodal Transit Station Access Imps.	Expansion	CC-130039	3	\$214		\$1,300	\$1,514
CC	Pleasant Hill	Local Road	Pleasant Hill - Buskirk Avenue Widening	Expansion	CC-090002	4	\$1,500	\$2,900	\$6,600	\$11,000
CC	Pleasant Hill	Local Road	Central-East County SR2S Program	SystMgmt	CC-110049	3			\$819	\$819
CC	Pleasant Hill	Local Road	Lisa Lane Sidewalk Project	Expansion	CC-110051	4	\$76		\$645	\$721
CC	Pleasant Hill	Local Road	Golf Club Rd Roundabout and Bike/Ped Improvements	SystMgmt	CC-130005	2	\$677	\$100	\$4,737	\$5,514
CC	Pleasant Hill	Local Road	Pleasant Hill - Contra Costa Blvd. Preservation	SystMgmt	CC-130007	2	\$75		\$1,187	\$1,262
CC	Pleasant Hill	Local Road	Boyd Road/Elinora Drive SRTS Sidewalk Installation	Expansion	CC-130029	4	\$127		\$448	\$575
CC	Richmond	Local Road	Dornan Drive/Garrison Blvd Tunnel Rehabilitation	Maint/Rehab	CC-030011	13	\$58		\$1,551	\$1,609
CC	Richmond	Local Road	Griffin Drive Railroad At-Grade Crossing	Expansion	CC-070047	7	\$900		\$1,600	\$2,500
CC	Richmond	Local Road	Marina Bay Parkway Grade Separation	Expansion	CC-090018	4	\$7,058	\$1,573	\$28,294	\$36,925
CC	Richmond	Local Road	Richmond Transit Village: Nevin Imps BART-19th	SystMgmt	CC-110007	6	\$265	\$5	\$2,152	\$2,422
CC	Richmond	Local Road	Richmond Transit Village: Nevin Imps 19th-27th	SystMgmt	CC-110016	6	\$600		\$6,476	\$7,076
CC	Richmond	Local Road	Richmond Barrett Avenue Bicycle Lanes	Expansion	CC-110018	3	\$81	\$5	\$678	\$764
CC	Richmond	Local Road	SR2S - Nystrom, Coronado, Highland, Wilson & Wash.	SystMgmt	CC-110031	3			\$976	\$976
CC	Richmond	Local Road	Easy Go Richmond	SystMgmt	CC-110102	3			\$254	\$254
CC	Richmond	Local Road	Richmond Local Streets and Roads Preservation	Maint/Rehab	CC-130026	2	\$300		\$3,423	\$3,723
CC	Richmond	Local Road	37th Street Bicycle & Pedestrian Improvements	Expansion	CC-130047	2	\$44	\$5	\$325	\$374
CC	Richmond	State Highway	I-80/Central Avenue Interchange Modification	Expansion	CC-050076	9	\$1,845		\$19,174	\$21,019
CC	San Pablo	Local Road	El Portal Drive Rehabilitation / Gateway Phases II	Maint/Rehab	CC-110001	3	\$315	\$5	\$1,600	\$1,920
CC	San Pablo	Local Road	San Pablo Various Streets and Roads Preservation	Maint/Rehab	CC-130028	2	\$40		\$1,082	\$1,122
CC	San Pablo	Local Road	San Pablo Avenue Bicycle and Ped Improvements	Expansion	CC-130032	2	\$845		\$5,978	\$6,823
CC	San Ramon	Local Road	Bollinger Canyon Road Widening (Alcosta to SRVB)	Expansion	CC-090019	4	\$1,756	\$235	\$8,621	\$10,613
CC	San Ramon	Local Road	San Ramon Valley Boulevard Preservation	Maint/Rehab	CC-130008	2	\$200		\$1,716	\$1,916
CC	San Ramon	Local Road	Citywide School Crossing Enhancement Project	SystMgmt	CC-130041	2	\$25		\$281	\$306
CC	San Ramon	State Highway	I-680 Direct Access Ramps	Expansion	CC-070036	6	\$7,000	\$8,500	\$86,100	\$101,600
CC	St. Rte. 4 BA	State Highway	SR4 Bypass: Sand Creek to Balfour Rd	Expansion	CC-070048	7	\$2,100	\$300	\$10,000	\$12,400
CC	Walnut Creek	Local Road	Pleasant Hill Geary Road Widening Phase 3	Expansion	CC-070050	5	\$850	\$100	\$7,000	\$7,950
CC	Walnut Creek	Local Road	Walnut Creek Various Arterials & Collectors Rehab	Maint/Rehab	CC-110013	5	\$75	\$5	\$2,023	\$2,103
CC	Walnut Creek	Local Road	Walnut Creek - North Main Street Preservation	Maint/Rehab	CC-130033	2	\$70		\$851	\$921
CC	WCCTA	Transit	WCCTA: Preventive Maintenance Program	Maint/Rehab	CC-030025	12			\$2,045	\$2,045
CC	WCCTA	Transit	Hercules Intermodal Station Improvements	SystMgmt	CC-050074	7	\$1,141		\$473	\$1,614
CC	WCCTA	Transit	WCCTA: Replace (5) 1999 35' Revenue Vehicles	Maint/Rehab	CC-110057	3			\$2,329	\$2,329
CC	WCCTA	Transit	WCCTA: Purchase of non revenue Service Vehicle	Maint/Rehab	CC-110058	3			\$40	\$40
CC	WCCTA	Transit	WCCTA: Replace (8) 1988 40' transit buses	Maint/Rehab	CC-110032	4			\$4,380	\$4,380
CC	WCCTA	Transit	WCCTA: Replace (2) 2002 35' transit buses	Maint/Rehab	CC-110093	4			\$919	\$919
CC	WCCTA	Transit	WCCTA - Replace (2) 35 foot diesel transit vehicle	Maint/Rehab	CC-110094	4			\$280	\$280
CC	WCCTA	Transit	WCCTA: ADA Paratransit Operating Subsidy	Operations	CC-990045	19			\$1,458	\$1,458
CC	WETA	Transit	Richmond Ferry Service	Expansion	CC-070062	8	\$3,313		\$39,050	\$42,363
CC	WETA	Transit	Martinez Ferry Service	Expansion	CC-110002	3	\$813			\$813
CC	WETA	Transit	Antioch Ferry Service	Expansion	CC-110003	3	\$813			\$813
Totals for Contra Costa County							\$401,495	\$301,017	\$2,767,997	\$3,470,509

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MRN	Caltrans	State Highway	US 101 - Golden Gate Botanical Area Revegetation	SystMgmt	MRN050012	8	\$70	\$5	\$520	\$595
MRN	Caltrans	State Highway	US-101 Mission Bell Installation	SystMgmt	MRN110003	3	\$55	\$5	\$181	\$241
MRN	Fairfax	Local Road	Parkade Circulation and Safety Improvements	SystMgmt	MRN130009	3	\$90		\$310	\$400
MRN	GGHTD	Tollway	Golden Gate Bridge Seismic Retrofit, Phase 3B	Maint/Rehab	MRN050018	17			\$142,752	\$142,752
MRN	GGHTD	Tollway	Golden Gate Bridge-Suicide Deterrent Safety Barrier	SystMgmt	MRN050019	11	\$7,000		\$80,000	\$87,000
MRN	GGHTD	Tollway	Golden Gate Bridge Seismic Retrofit, Ph: 1-3A	Maint/Rehab	MRN970016	25			\$273,157	\$273,157
MRN	GGHTD	Transit	GGHTD: Fixed Guideway Connectors	Maint/Rehab	MRN030010	16			\$33,296	\$33,296
MRN	GGHTD	Transit	GGHTD: Ferry Major Components Rehabilitation	Maint/Rehab	MRN030011	17			\$14,011	\$14,011
MRN	GGHTD	Transit	4 Replacement Express Buses	Maint/Rehab	MRN050015	7			\$1,600	\$1,600
MRN	GGHTD	Transit	GGHTD: Facilities Rehabilitation	Maint/Rehab	MRN050025	13			\$27,977	\$27,977
MRN	GGHTD	Transit	GGHTD: Replacement of Ferry Propulsion Systems	Maint/Rehab	MRN090025	12			\$3,900	\$3,900
MRN	GGHTD	Transit	GGHTD: Replace 11 - 1997 45' MCL Buses	Maint/Rehab	MRN090034	6			\$6,997	\$6,997
MRN	GGHTD	Transit	GGHTD - Replace 7 - 40' Diesel Buses	Maint/Rehab	MRN110045	4			\$3,760	\$3,760
MRN	GGHTD	Transit	GGHTD - Replace 14 - 45' OTR Coaches	Maint/Rehab	MRN110046	4			\$9,637	\$9,637
MRN	GGHTD	Transit	Larkspur Ferry Terminal Parking Garage	Expansion	MRN130001	2	\$500		\$3,500	\$4,000
MRN	GGHTD	Transit	GGHTD - Transit Systems Enhancements	SystMgmt	MRN130015	2			\$1,683	\$1,683
MRN	GGHTD	Transit	Ferry channel & berth dredging.	Maint/Rehab	MRN990017	21			\$20,894	\$20,894
MRN	Larkspur	Local Road	Larkspur - Non-motorized Transpo. Pilot Program	Expansion	MRN070015	14	\$324		\$1,272	\$1,596
MRN	Marin County	Local Road	Non-motorized Transp. Pilot Program - Marin County	Expansion	MRN050033	33	\$5,574	\$490	\$4,941	\$11,005
MRN	Marin County	Local Road	Marin Parklands Visitor Access, Phase 2	Maint/Rehab	MRN070019	9	\$1,036		\$3,410	\$4,446
MRN	Marin County	Local Road	Non-motorized Transp. Projects - Marin County	Expansion	MRN090049	10	\$1,238		\$0	\$1,238
MRN	Marin County	Local Road	Sir Francis Drake Boulevard Westbound Bike Lane	Expansion	MRN090050	8	\$132		\$329	\$461
MRN	Marin County	Local Road	Marin County: Southern Marin Roads Rehab	Maint/Rehab	MRN090053	6	\$151		\$1,203	\$1,354
MRN	Marin County	Local Road	Miller Creek Road Bike Lanes and Ped Improvements	Expansion	MRN110033	3	\$45		\$362	\$407
MRN	Marin County	Local Road	Mountain View Rd Bridge Replacement - 27C0154	Expansion	MRN110035	3	\$328		\$918	\$1,246
MRN	Marin County	Local Road	North Civic Center Drive Improvements	SystMgmt	MRN130007	4	\$840		\$1,960	\$2,800
MRN	Marin County	Local Road	Donahue Street Road Rehabilitation Project	Maint/Rehab	MRN130010	2	\$122		\$1,095	\$1,217
MRN	Marin County	Public Lands/Trails	Mill Valley-Sausalito Pathway Preservation	Maint/Rehab	MRN130014	2	\$410		\$1,346	\$1,756
MRN	Marin County	State Highway	Tennessee Valley Bridge	Maint/Rehab	MRN010006	11	\$300		\$611	\$911
MRN	MCTD	Transit	Marin county: Bus Stop Improvements	SystMgmt	MRN070001	12	\$500	\$0	\$1,923	\$2,423
MRN	MCTD	Transit	Local Bus Stop Revitalization in Marin County	Maint/Rehab	MRN110004	3			\$2,000	\$2,000
MRN	MCTD	Transit	Marin Transit - Replace 3 - 2005 Paratransit Vans	Maint/Rehab	MRN110028	5			\$245	\$245
MRN	MCTD	Transit	Capital Improvements For Muir Woods Shuttle	SystMgmt	MRN110030	4			\$2,168	\$2,168
MRN	MCTD	Transit	MCTD Preventive Maintenance	Maint/Rehab	MRN110040	4			\$258	\$258
MRN	MCTD	Transit	Marin Transit Low Income Youth Pass Program	Operations	MRN110041	4			\$258	\$258
MRN	MCTD	Transit	Marin Transit Replace Four Local Buses	Maint/Rehab	MRN110042	3			\$2,795	\$2,795
MRN	MCTD	Transit	Marin Transit Seven Local Buses	Maint/Rehab	MRN110043	3			\$5,072	\$5,072
MRN	MCTD	Transit	Marin Transit - Replace Paratransit Vehicles	Maint/Rehab	MRN110044	3			\$1,114	\$1,114
MRN	MCTD	Transit	MCTD- ADA Paratransit Assistance	Operations	MRN110047	3			\$2,525	\$2,525
MRN	Mill Valley	Local Road	Mill Valley - Miller Avenue Rehabilitation	Maint/Rehab	MRN070002	7	\$1,100	\$300	\$5,750	\$7,150
MRN	Mill Valley	Local Road	Mill Valley - Sycamore Ave Pedestrian Facilities	Expansion	MRN090052	6	\$72		\$411	\$483
MRN	Mill Valley	Public Lands/Trails	Bayfront Park Recreational Bay Access Pier Rehab	Maint/Rehab	MRN130012	2	\$93		\$130	\$223
MRN	MTC	Local Road	Regional Planning Activities and PPM - Marin	SystMgmt	MRN090020	13	\$7,377		\$7,377	\$7,377
MRN	Novato	Local Road	Novato Boulevard Widening, Diablo to Grant	Expansion	MRN070006	8	\$1,063		\$7,911	\$8,974
MRN	Novato	Local Road	DeLong Avenue and Ignacio Boulevard Resurfacing	Maint/Rehab	MRN130011	2	\$95		\$880	\$975
MRN	Ross	Local Road	Bolinas Avenue and Sir Francis Drake Intersection	Maint/Rehab	MRN130006	2	\$30		\$310	\$340
MRN	San Anselmo	Local Road	San Anselmo - Center Blvd Bridge Replace (27C0079)	Expansion	MRN110032	3	\$1,060	\$1,250	\$3,507	\$5,817
MRN	San Anselmo	Public Lands/Trails	Sunny Hill Ridge and Red Hill Trails	Expansion	MRN130013	2	\$80		\$80	\$160
MRN	San Rafael	Local Road	San Rafael - Non-motorized Transport Pilot Program	Expansion	MRN070009	17	\$1,114		\$1,833	\$2,948

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MRN	San Rafael	Local Road	San Rafael Citywide Street Resurfacing	Maint/Rehab	MRN110008	3	\$180		\$1,152	\$1,332
MRN	San Rafael	Local Road	San Rafael: Sidewalk along East Francisco Blvd	Expansion	MRN110029	6	\$200		\$1,300	\$1,500
MRN	San Rafael	Local Road	San Rafael Various Streets and Roads Preservation	Maint/Rehab	MRN130004	2	\$42		\$552	\$594
MRN	San Rafael	Local Road	San Rafael Transit Center Pedestrian Access Imps.	SystMgmt	MRN130005	2	\$475		\$2,200	\$2,675
MRN	Sausalito	Local Road	Sausalito - Non-motorized Transp. Pilot Program	SystMgmt	MRN070012	12	\$156	\$124	\$250	\$530
MRN	Sausalito	Local Road	Sausalito - Bridge/US 101 Off Ramp Bicycle Imps	SystMgmt	MRN110010	4	\$100		\$185	\$285
MRN	TAM	Local Road	Central Marin Ferry Access Improvements	Expansion	MRN050014	11	\$4,410		\$12,202	\$16,612
MRN	TAM	Local Road	Marin Bike/Ped Facility North of Atherton Ave.	Expansion	MRN070003	7		\$510	\$100	\$610
MRN	TAM	Local Road	TAM - Non-motorized Transportation Pilot Program	SystMgmt	MRN070017	6	\$160			\$160
MRN	TAM	Local Road	Local PDA Planning - Marin	SystMgmt	MRN110039	7			\$848	\$848
MRN	TAM	State Highway	US 101 / Greenbrae Interchange Corridor Impts.	Expansion	MRN050001	9	\$14,233	\$600	\$139,967	\$154,800
MRN	TAM	State Highway	US 101 HOV Lanes - Marin-Sonoma Narrows (Marin)	Expansion	MRN050034	12	\$37,177	\$31,297	\$272,513	\$340,987
MRN	TAM	State Highway	Highway 101 Landscaping for Gap Closure Project	SystMgmt	MRN110034	3	\$430		\$3,470	\$3,900
MRN	Various	Local Road	Marin County: Major Roads Rehabilitation	Maint/Rehab	MRN090008	5	\$2,000	\$3,000	\$25,000	\$30,000
Totals for Marin County							\$90,363	\$37,581	\$1,140,460	\$1,268,404

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NAP	American Canyon	Local Road	American Canyon Napa Junction Elementary Ped Imps	Expansion	NAP090007	8	\$79		\$197	\$276
NAP	American Canyon	Local Road	American Canyon PDA Development Plan	SystMgmt	NAP110006	4	\$897		\$1,500	\$2,397
NAP	American Canyon	Local Road	American Canyon: Theresa Ave Sidewalk Imp Phase 3	Expansion	NAP110007	6	\$4		\$228	\$230
NAP	American Canyon	Local Road	Eucalyptus Drive Realignment Complete Streets	Expansion	NAP110029	5	\$528	\$776	\$3,220	\$4,524
NAP	American Canyon	Local Road	Devlin Road and Vine Trail Extension	Expansion	NAP130006	2	\$297	\$800	\$1,785	\$2,882
NAP	Calistoga	State Highway	SR 128 and Petrified Forest Intersection Imp	SystMgmt	NAP150001	1	\$118	\$56	\$476	\$650
NAP	Caltrans	State Highway	Design of SR 12/29 /Airport Blvd Grade Separation	Expansion	NAP010002	8	\$2,415			\$2,415
NAP	Caltrans	State Highway	SR 12 (Jamieson Canyon Road) Widening	Expansion	NAP010008	16	\$14,495	\$15,856	\$84,784	\$115,135
NAP	MTC	Local Road	Regional Planning Activities and PPM - Napa	SystMgmt	NAP090002	12	\$5,798			\$5,798
NAP	Napa	Local Road	Napa (City): 2011 Cape Seal Pavement Rehab	Maint/Rehab	NAP110008	4	\$20		\$706	\$726
NAP	Napa	Local Road	Napa/Lincoln Ave Bike Lane - Jefferson to Railroad	Expansion	NAP110011	6	\$100		\$113	\$213
NAP	Napa	Local Road	Napa City North/South Bike Connection	Expansion	NAP110013	5	\$48		\$660	\$708
NAP	Napa	Local Road	Napa City - Linda Vista Pavement Overlay	Maint/Rehab	NAP110015	4	\$37		\$739	\$776
NAP	Napa	Local Road	California Boulevard Roundabouts	SystMgmt	NAP110028	5	\$460	\$1,154	\$3,402	\$5,016
NAP	Napa	Local Road	City of Napa PDA Implementation	SystMgmt	NAP130001	2			\$311	\$311
NAP	Napa	Public Lands/Trails	Highway 29/Napa Creek Bicycle Path Upgrade	Expansion	NAP130004	2	\$100	\$40	\$385	\$525
NAP	Napa County	Local Road	Napa County: Silverado Trail Paving Phase F	Maint/Rehab	NAP110009	4			\$955	\$955
NAP	Napa County	Local Road	Silverado Trail Phase H Rehab	Maint/Rehab	NAP110023	5	\$56		\$1,627	\$1,683
NAP	Napa County	Local Road	Hardin Rd Bridge Replacement - 21C0058	Maint/Rehab	NAP110026	4	\$248	\$118	\$1,390	\$1,756
NAP	Napa County	Local Road	Loma Vista Dr Bridge Replacement - 21C0080	Maint/Rehab	NAP110027	3	\$100	\$60	\$560	\$720
NAP	Napa County	Local Road	Airport Boulevard Rehabilitation	Maint/Rehab	NAP130003	2	\$64		\$1,853	\$1,917
NAP	Napa County	Local Road	Silverado Trail Phase G Rehab	Maint/Rehab	NAP130009	2	\$95		\$2,734	\$2,829
NAP	Napa County	Local Road	Silverado Trail Yountville-Napa Safety Improvement	SystMgmt	NAP130010	2	\$6		\$162	\$168
NAP	Napa Vine	Transit	Park & Ride Lots in Napa County	Expansion	NAP050009	7	\$365	\$2,200	\$2,465	\$5,030
NAP	NCTPA	Local Road	NCTPA: Napa County SRTS Program Expansion	SystMgmt	NAP110012	3			\$315	\$315
NAP	NCTPA	Local Road	Napa Valley Vine Trail Design and Construction	Expansion	NAP110014	8	\$1,239	\$120	\$3,801	\$5,160
NAP	NCTPA	Local Road	SRTS Non Infrastructure Program Cycle 2	Expansion	NAP130002	3			\$420	\$420
NAP	NCTPA	State Highway	SR 12/29/221 Soscol Junction Interchange Study	Expansion	NAP090003	6	\$6,300			\$6,300
NAP	NCTPA	Transit	NCTPA: ADA Operating Assistance	Operations	NAP030004	17			\$374	\$374
NAP	NCTPA	Transit	Napa: Bus Stop Improvements	SystMgmt	NAP030005	11			\$782	\$782
NAP	NCTPA	Transit	NCTPA: Replace Rolling Stock	Maint/Rehab	NAP090005	6			\$10,428	\$10,428
NAP	NCTPA	Transit	NCTPA Equipment Replacement and Upgrades	Maint/Rehab	NAP090008	8			\$1,240	\$1,240
NAP	NCTPA	Transit	Napa County Community Based Transportation Plan	SystMgmt	NAP110024	3			\$100	\$100
NAP	NCTPA	Transit	NapaVINE Bus Mobility Device Retrofit Project- TPI	SystMgmt	NAP130005	2			\$167	\$167
NAP	NCTPA	Transit	Napa Vine Operating Assistance	Operations	NAP970010	29			\$33,790	\$33,790
NAP	Saint Helena	State Highway	Hwy 29 Grayson Ave. Signal Construction	SystMgmt	NAP130007	2	\$96	\$10	\$360	\$466
NAP	Yountville	Local Road	Yountville - Napa County Bicycle Path Extension	Expansion	NAP090006	9	\$55		\$94	\$149
NAP	Yountville	Public Lands/Trails	Hopper Creek Pedestrian Bridge and Path Project	Expansion	NAP130008	2	\$100		\$400	\$500
Totals for Napa County							\$34,120	\$21,190	\$162,520	\$217,830

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SF	BART	Transit	BART/MUNI Direct Connection Platform	Expansion	SF-050014	6			\$3,000	\$3,000
SF	BART	Transit	Balboa Park Station Eastside Walkway Project	SystMgmt	SF-090040	4	\$451		\$12,704	\$13,155
SF	BART	Transit	24th Street/Mission BART Plaza Pedestrian Imps.	SystMgmt	SF-090051	5	\$700		\$3,314	\$4,014
SF	BART	Transit	Regional Real-Time Transit Information at BART	SystMgmt	SF-110044	3	\$440		\$3,960	\$4,400
SF	BART	Transit	BART 24th Street Train Control Upgrade	SystMgmt	SF-110048	4	\$400		\$1,860	\$2,260
SF	Caltrain	Transit	Caltrain Electrification	Maint/Rehab	SF-010028	13	\$35,160		\$1,189,840	\$1,225,000
SF	GGBHTD	Local Road	Golden Gate Bridge - Moveable Median Barrier	SystMgmt	SF-070037	16	\$4,800	\$200	\$20,000	\$25,000
SF	MTC	Local Road	Regional Planning Activities and PPM - SF County	SystMgmt	SF-090030	13	\$10,503		\$20,000	\$10,503
SF	Port of SF	Local Road	Pier 70 Shoreline Open Space Improvements	Expansion	SF-070014	6	\$2,000		\$2,000	\$22,000
SF	Port of SF	Local Road	Pier 70 19th Street & Illinois Street Sidewalk	Expansion	SF-130021	2	\$370		\$2,850	\$22,000
SF	Port of SF	Transit	Embarcadero Corridor Transportation Improvements	SystMgmt	SF-070009	6	\$850		\$4,500	\$5,350
SF	Port of SF	Transit	San Francisco Downtown Ferry Terminal	Maint/Rehab	SF-070010	7	\$2,800		\$17,200	\$20,000
SF	Port of SF	Transit	Fishermans Wharf Ferry Terminal Improvements	Maint/Rehab	SF-070012	7	\$1,000		\$7,000	\$8,000
SF	SF County TA	Local Road	Integrated Public-Private Partnership TDM Program	SystMgmt	SF-110011	3			\$1,025	\$1,025
SF	SF County TA	Local Road	San Francisco Parking Pricing and Regulation Study	SystMgmt	SF-110038	4			\$600	\$600
SF	SF County TA	Local Road	Treasure Island Congestion Pricing Program	SystMgmt	SF-110049	6	\$1,980		\$7,895	\$9,875
SF	SF County TA	Local Road	Treasure Island Congestion Pricing Program	Expansion	SF-130004	2	\$500	\$1,000	\$46,460	\$47,960
SF	SF County TA	Local Road	HOV Ramps: I-280/6th St Ramps-Project Development	SystMgmt	SF-130009	2			\$2,000	\$2,000
SF	SF County TA	Local Road	SF Downtown Congestion Pricing (NE Cordon)	SystMgmt	SF-130017	2	\$100		\$103,900	\$104,000
SF	SF County TA	State Highway	Yerba Buena Island (YBI) Ramp Improvements	Maint/Rehab	SF-070027	13	\$15,475	\$5,050	\$191,081	\$211,606
SF	SF County TA	State Highway	HOV Lanes on US 101 in SF - Project Development	Expansion	SF-130008	2			\$2,000	\$2,000
SF	SF County TA	State Highway	US 101 Doyle Drive Replacement	Maint/Rehab	SF-991030	35	\$88,272	\$83,775	\$1,814,690	\$1,986,737
SF	SF County TA	Transit	Geary Bus Rapid Transit	Expansion	SF-070004	6	\$22,846		\$160,854	\$183,700
SF	SF County TA	Transit	Van Ness Avenue Bus Rapid Transit	Expansion	SF-070005	10	\$22,958		\$102,477	\$125,435
SF	SF County TA	Transit	Oakdale Caltrain Station	Expansion	SF-090011	5	\$5,173			\$5,173
SF	SF County TA	Transit	Treasure Island Pricing Mobility Improvements	SystMgmt	SF-130005	2	\$1,000		\$22,500	\$23,500
SF	SF County TA	Transit	Construct Treasure Island Bus Terminal Facility	Expansion	SF-130010	2	\$200	\$590	\$2,000	\$2,790
SF	SF DPW	Local Road	4th St Bridge Seismic Retrofit & Rehab	Maint/Rehab	SF-010004	12	\$1,384	\$50	\$51,106	\$52,540
SF	SF DPW	Local Road	Bayview Transportation Improvements	Expansion	SF-010038	11	\$8,855	\$1,000	\$26,295	\$36,150
SF	SF DPW	Local Road	Citywide:San Francisco Street Improvements	Maint/Rehab	SF-050042	13	\$1,592	\$100	\$15,167	\$16,859
SF	SF DPW	Local Road	Harney Way Roadway Widening	Expansion	SF-090004	8	\$1,000	\$680	\$22,370	\$24,050
SF	SF DPW	Local Road	San Francisco - Arelious Walker Stairway Imps.	Maint/Rehab	SF-090036	8	\$112		\$1,118	\$1,230
SF	SF DPW	Local Road	San Francisco Point Lobos Streetscape	SystMgmt	SF-090038	7	\$87		\$508	\$595
SF	SF DPW	Local Road	Great Highway Restoration	Maint/Rehab	SF-110005	4	\$220	\$86	\$12,639	\$12,945
SF	SF DPW	Local Road	Hunters Pt Shipyard and Candlestick Pt Local Roads	Expansion	SF-110006	4	\$2,050	\$30,000	\$306,100	\$338,150
SF	SF DPW	Local Road	San Francisco - Folsom Streetscape and Rehab	Maint/Rehab	SF-110007	5	\$496	\$100	\$4,947	\$5,543
SF	SF DPW	Local Road	San Francisco - Broadway Streetscape and Rehab	Maint/Rehab	SF-110009	5	\$190	\$100	\$1,622	\$1,912
SF	SF DPW	Local Road	South of Market Alleys Improvements, Phase 2	SystMgmt	SF-110012	5	\$574		\$1,766	\$2,340
SF	SF DPW	Local Road	SF - Better Market Street Transportation Elements	SystMgmt	SF-130001	2	\$1,000	\$500	\$204,900	\$206,400
SF	SF DPW	Local Road	Southeast Waterfront Transportation Improvements	Expansion	SF-130006	3	\$100		\$254,181	\$254,281
SF	SF DPW	Local Road	HOPE SF Street Grid Phase 1	Expansion	SF-130007	2	\$2,000		\$8,000	\$10,000
SF	SF DPW	Local Road	SF- Second Street Complete Streets and Road Diet	SystMgmt	SF-130011	3	\$1,976		\$11,871	\$13,848
SF	SF DPW	Local Road	SF- Longfellow ES Safe Routes to School	SystMgmt	SF-130012	2	\$218		\$539	\$757
SF	SF DPW	Local Road	SF-ER Taylor ES Safe Routes to School	SystMgmt	SF-130013	2	\$176		\$411	\$587
SF	SF DPW	Local Road	SF- Broadway Chinatown Complete Streets	SystMgmt	SF-130014	3	\$911		\$6,192	\$7,102
SF	SF DPW	State Highway	SR 1 - 19th Avenue Median Improvements	SystMgmt	SF-070025	8	\$173		\$1,164	\$1,337
SF	SFDPH	Local Road	SF SRTS Non-Infrastructure Program	SystMgmt	SF-130018	2			\$1,439	\$1,439
SF	SFMTA	Local Road	San Francisco Bicycle Route Improvements	Expansion	SF-070036	5	\$565		\$4,900	\$5,465
SF	SFMTA	Local Road	SF Downtown Parking Pricing	SystMgmt	SF-070040	12	\$1,525	\$100	\$44,900	\$46,525

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SF	SFMTA	Local Road	San Francisco Bicycle Parking	Expansion	SF-090039	7			\$235	\$235
SF	SFMTA	Local Road	Church and Duboce Bike/Ped Enhancements	SystMgmt	SF-090041	6	\$47		\$427	\$474
SF	SFMTA	Local Road	Sunset Boulevard Ped Safety and Education	SystMgmt	SF-090042	8	\$202		\$1,097	\$1,299
SF	SFMTA	Local Road	Mission Bay/UCSF Multi-Modal Transportation Imps.	Expansion	SF-110002	4	\$1,545		\$60,737	\$62,282
SF	SFMTA	Local Road	Second St Phase 1 - SFgo Signal Rehab and Upgrade	SystMgmt	SF-110008	7	\$17		\$824	\$841
SF	SFMTA	Local Road	Sunset and AP Giannini SR2S Improvements	Expansion	SF-110029	5	\$150		\$654	\$804
SF	SFMTA	Local Road	Linked Priced Electric Bikes/sharing	Expansion	SF-110037	7	\$422		\$1,459	\$1,880
SF	SFMTA	Local Road	SF Ped Safety and Encouragement Campaign	SystMgmt	SF-110039	3	\$149		\$851	\$1,000
SF	SFMTA	Local Road	SF Crosswalk Conversion	SystMgmt	SF-110040	3	\$96		\$282	\$378
SF	SFMTA	Local Road	Local PDA Planning - San Francisco	SystMgmt	SF-110047	5			\$2,689	\$2,689
SF	SFMTA	Local Road	Implement Parkmerced Street Network	Expansion	SF-130002	2	\$500	\$500	\$46,960	\$47,960
SF	SFMTA	Local Road	Mansell Corridor Complete Streets	SystMgmt	SF-130015	2	\$744		\$4,531	\$5,275
SF	SFMTA	Local Road	Masonic Avenue Complete Streets	SystMgmt	SF-130016	3	\$2,340		\$15,888	\$18,228
SF	SFMTA	Local Road	Eddy and Ellis Traffic Calming Improvement Project	SystMgmt	SF-130019	2	\$365		\$1,345	\$1,710
SF	SFMTA	Local Road	Twin Peaks Connectivity Planning	Expansion	SF-130022	2	\$191		\$191	\$191
SF	SFMTA	State Highway	SFGO-Corridor Management	SystMgmt	SF-070030	14	\$9,210		\$45,661	\$54,871
SF	SFMTA	Transit	SF Muni Third St LRT Phase 2 - New Central Subway	Expansion	SF-010037	25	\$158,835	\$34,777	\$1,384,388	\$1,578,000
SF	SFMTA	Transit	SFMTA: Wayside Fare Collection Equipment	Maint/Rehab	SF-030013	16			\$38,816	\$38,816
SF	SFMTA	Transit	SFMTA: Train Control & Trolley Signal Rehab/Replace	Maint/Rehab	SF-050024	12			\$53,020	\$53,020
SF	SFMTA	Transit	SFMTA: Escalator Rehabilitation	Maint/Rehab	SF-050026	10	\$320		\$19,970	\$20,290
SF	SFMTA	Transit	Light Rail Vehicle Overhaul Program	Maint/Rehab	SF-050034	10	\$706		\$56,828	\$57,534
SF	SFMTA	Transit	Glen Park Intermodal Facility	Expansion	SF-050039	6	\$2,018		\$2,278	\$4,296
SF	SFMTA	Transit	Historic Streetcar Extension to Fort Mason	Expansion	SF-070003	5	\$5,961		\$43,998	\$49,959
SF	SFMTA	Transit	SFMTA: Trolley Coach Replacement	Maint/Rehab	SF-070045	15			\$128,218	\$128,218
SF	SFMTA	Transit	SFMTA: Rehab 170 Neoplans	Maint/Rehab	SF-070046	8			\$18,290	\$18,290
SF	SFMTA	Transit	Additional Light Rail Vehicles to Expand Muni Rail	Expansion	SF-090012	4	\$1,200		\$43,273	\$44,473
SF	SFMTA	Transit	Geneva/Harney Limited/Express Bus Service	Expansion	SF-090013	4			\$28,000	\$28,000
SF	SFMTA	Transit	Transit Center in Hunters Point	Expansion	SF-090016	4	\$3,400	\$2,900	\$15,700	\$22,000
SF	SFMTA	Transit	Express/Ltd Bus Service into Hunters Point (north)	Expansion	SF-090017	5	\$4,400	\$2,000	\$15,400	\$21,800
SF	SFMTA	Transit	Oakdale-Palou Interim High-Capacity Bus Corridor	Expansion	SF-090018	4	\$3,000	\$2,000	\$17,000	\$22,000
SF	SFMTA	Transit	Extended Trolleybus Service into Hunters Point	Expansion	SF-090019	5	\$700	\$2,000	\$48,300	\$51,000
SF	SFMTA	Transit	Geneva-Harney BRT to Hunters Point - Geneva Extn	Expansion	SF-090020	4	\$2,000		\$32,000	\$34,000
SF	SFMTA	Transit	Geneva-Harney BRT to Hunters Point - Geneva Portio	Expansion	SF-090021	4	\$2,000		\$51,000	\$53,000
SF	SFMTA	Transit	Geneva-Harney BRT to Hunters Point - Harney Portio	Expansion	SF-090023	4	\$2,000		\$78,910	\$80,910
SF	SFMTA	Transit	SF Muni - Preventive Maintenance	Maint/Rehab	SF-090031	7			\$15,093	\$15,093
SF	SFMTA	Transit	SFMTA: TEP Capital Implementation Program	SystMgmt	SF-090032	6	\$500		\$7,124	\$7,624
SF	SFMTA	Transit	SFMTA: Paratransit Vehicle Replacements	Maint/Rehab	SF-090035	6			\$9,358	\$9,358
SF	SFMTA	Transit	SFMTA: Replace 45 NABI Motor Coaches & 17 Gilligs	Maint/Rehab	SF-090043	8			\$61,693	\$61,693
SF	SFMTA	Transit	SFMTA: Transportation Asset Management System	Maint/Rehab	SF-110010	3	\$2,500		\$8,500	\$11,000
SF	SFMTA	Transit	San Francisco Market & Haight St. Transit/Ped Imps	SystMgmt	SF-110016	6	\$644		\$3,928	\$4,572
SF	SFMTA	Transit	SFMTA: N-Judah Customer First Program	SystMgmt	SF-110042	6	\$662		\$5,438	\$6,100
SF	SFMTA	Transit	SFMTA: Mission Customer First Program	SystMgmt	SF-110043	6	\$1,837		\$8,603	\$10,440
SF	SFMTA	Transit	SFMTA: 8X Customer First Program	SystMgmt	SF-110045	3	\$2,909		\$8,728	\$11,637
SF	SFMTA	Transit	SFMTA: Replace 58 40' Neoplan Buses	Maint/Rehab	SF-110050	7			\$41,514	\$41,514
SF	SFMTA	Transit	SFMTA: Replace 26 60' Neoplan Buses	Maint/Rehab	SF-110051	5			\$26,073	\$26,073
SF	SFMTA	Transit	SFMTA - Free Muni for Youth Program	Operations	SF-110052	3			\$1,807	\$1,807
SF	SFMTA	Transit	19th Ave. & Parkmerced M-Line Realignment	Expansion	SF-130003	2	\$2,000		\$78,940	\$80,940
SF	SFMTA	Transit	SFMTA: Purchase 60 foot expansion motor coaches	Expansion	SF-130020	2			\$30,500	\$30,500
SF	SFMTA	Transit	SF Muni Rail Replacement Program	Maint/Rehab	SF-95037B	16	\$1,500		\$183,522	\$185,022

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SF	SFMTA	Transit	SFMTA: Cable Car Vehicle Renovation Program	Maint/Rehab	SF-970073	21			\$22,355	\$22,355
SF	SFMTA	Transit	SFMTA: Trolley Overhead Recon. Program	Maint/Rehab	SF-970170	26	\$1,250		\$143,053	\$144,303
SF	SFMTA	Transit	Global Positioning System	SystMgmt	SF-990003	18			\$28,927	\$28,927
SF	SFMTA	Transit	Islais Creek Motor Coach Facility	Maint/Rehab	SF-990004	17	\$4,190		\$116,795	\$120,985
SF	SFMTA	Transit	SFMTA: ADA Paratransit operating support	Operations	SF-990022	17			\$206,983	\$206,983
SF	SFMTA	Transit	Cable Car Traction Power & Guideway Rehab	Maint/Rehab	SF-99T002	18	\$1,000		\$67,240	\$68,240
SF	SFMTA	Transit	SFMTA: Historic Rail Car rehabilitation	Maint/Rehab	SF-99T005	21			\$87,394	\$87,394
SF	TBJPA	Transit	Transbay Term/Caltrain Downtown Ext - Ph.1	Expansion	SF-010015	16	\$403,898	\$84,038	\$1,411,464	\$1,899,400
SF	TBJPA	Transit	Transbay Terminal/Caltrain Downtown Ext: Ph. 2	Expansion	SF-050002	9	\$31,332	\$45,083	\$2,208,996	\$2,285,411
SF	TBJPA	Transit	Transbay Transit Center - TIFIA Loan Debt Service	Expansion	SF-070029	6			\$1,075,061	\$1,075,061
SF	WETA	Transit	WETA: Replace Ferry Vessels	Maint/Rehab	SF-110053	4			\$26,177	\$26,177
Totals for San Francisco County							\$899,922	\$296,629	\$12,870,135	\$14,066,685

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SM	Atherton	Local Road	Atherton-Fair Oaks-Middlefield Preservation	Maint/Rehab	SM-110074	3	\$20		\$435	\$455
SM	BART	Transit	BART: Preventive Maintenance	Maint/Rehab	SM-050005	10			\$33,214	\$33,214
SM	BART	Transit	Day City BART Station Intermodal Improvements	SystMgmt	SM-130029	2	\$550		\$550	\$1,100
SM	Belmont	Local Road	Belmont Pavement Reconstruction Program	Maint/Rehab	SM-130007	2	\$75		\$604	\$679
SM	Belmont	Local Road	Ralston Avenue Pedestrian Route Improvements	Expansion	SM-130017	2	\$30		\$290	\$320
SM	Belmont	Local Road	Old County Road Bicycle/Pedestrian Improvements	Expansion	SM-130018	2	\$15		\$335	\$350
SM	Brisbane	State Highway	US 101/Candlestick Interchange	SystMgmt	SM-090004	4	\$890		\$13,000	\$13,890
SM	Burlingame	Local Road	Carolan Ave Complete Streets and Road Diet	SystMgmt	SM-130021	2	\$174		\$986	\$1,160
SM	Caltrain	Transit	San Mateo Bridges Replacement	Maint/Rehab	SM-010054	15	\$5,412		\$37,165	\$42,577
SM	Caltrain	Transit	Caltrain: Systemwide Security	SystMgmt	SM-030010	15			\$16,152	\$16,152
SM	Caltrain	Transit	Caltrain: ADA Operating Set-aside	Operations	SM-050040	15			\$1,542	\$1,542
SM	Caltrain	Transit	Caltrain South Terminal Phase II and III	Expansion	SM-070008	6	\$1,500		\$14,000	\$15,500
SM	Caltrain	Transit	VMS-PA Systems Integration	SystMgmt	SM-070032	5			\$1,100	\$1,100
SM	Caltrain	Transit	Narrow Banding Project	Maint/Rehab	SM-090001	4			\$2,593	\$2,593
SM	Caltrain	Transit	Caltrain Grade Separation Program	SystMgmt	SM-090021	4	\$39,950	\$2,600	\$104,500	\$147,050
SM	Caltrain	Transit	Caltrain TVM Replacement	Maint/Rehab	SM-110076	3			\$1,225	\$1,225
SM	Caltrain	Transit	Caltrain Control Point Installation	SystMgmt	SM-130028	2	\$2,376		\$2,600	\$4,976
SM	Caltrain	Transit	Caltrain Off-peak Marketing Campaign	SystMgmt	SM-130027	2			\$50	\$50
SM	Caltrans	State Highway	US 101 Auxiliary Lanes - 3rd to Millbrae	Expansion	SM-010031	15	\$8,410	\$3,440	\$176,390	\$188,240
SM	Caltrans	State Highway	US 101 Auxiliary Lanes - Marsh Road to SCL County	Expansion	SM-030001	16	\$12,944	\$1,405	\$92,874	\$107,223
SM	Caltrans	State Highway	US 101 / Broadway Interchange Improvement	Expansion	SM-050028	10	\$8,000	\$11,451	\$60,377	\$79,828
SM	Caltrans	State Highway	San Mateo County: Install TMS Elements	SystMgmt	SM-090023	5	\$360	\$98	\$1,705	\$2,163
SM	Caltrans	State Highway	SR 1 Devils Slide Bypass	Maint/Rehab	SM-979013	18	\$1,262	\$3,636	\$506,975	\$511,873
SM	CCAG	Local Road	San Mateo Countywide ITS Improvements	SystMgmt	SM-070002	9	\$800		\$3,498	\$4,298
SM	CCAG	Local Road	San Mateo County Traffic Incident Management	SystMgmt	SM-070037	12	\$3,767	\$50	\$23,715	\$27,532
SM	CCAG	Local Road	San Mateo County SR2S Program	SystMgmt	SM-110022	5			\$4,607	\$4,607
SM	CCAG	State Highway	Dumbarton Bridge to US101 Connection Study	SystMgmt	SM-070029	7	\$478		\$635	\$708
SM	Daly City	Local Road	Callan Boulevard and King Drive Resurfacing	Maint/Rehab	SM-130005	2	\$73		\$1,000	\$1,250
SM	Daly City	Local Road	John Daly Boulevard Bicycle / Ped Improvements	SystMgmt	SM-130011	2	\$250		\$2,138	\$2,632
SM	Daly City	State Highway	SR 82 Daly City-Mission St. Pedestrian Imps. - Ph I	SystMgmt	SM-050046	12	\$494		\$96	\$12,917
SM	East Palo Alto	Local Road	Bay Rd Bicycle/Ped Improvements Phase II & III	Maint/Rehab	SM-070004	9	\$2,201	\$0	\$6,407	\$7,007
SM	East Palo Alto	Local Road	US 101 University Ave Interchange Improvements	SystMgmt	SM-070006	7	\$600		\$6,000	\$6,600
SM	East Palo Alto	Local Road	US-101 Pedestrian/Bicycle Overcrossing	Expansion	SM-130028	2	\$600		\$6,400	\$7,050
SM	Half Moon Bay	State Highway	Route 1 Improvements in Half Moon Bay	Expansion	SM-090015	6	\$600		\$797	\$900
SM	Menlo Park	Local Road	Menlo Park Various Streets Bike / Ped Improvements	SystMgmt	SM-130008	2	\$103		\$427	\$492
SM	Menlo Park	Local Road	Menlo Park Various Streets and Roads Preservation	Maint/Rehab	SM-130010	2	\$65		\$276	\$301
SM	Menlo Park	Local Road	Menlo Park - Willow Rd Traffic Signal Modification	SystMgmt	SM-130023	2	\$25		\$11,400	\$12,462
SM	Millbrae	Local Road	US 101 Millbrae Ave Bike/Ped Bridge	Expansion	SM-050053	7	\$1,062		\$445	\$505
SM	Millbrae	Local Road	Millbrae Various Streets and Roads Preservation	Maint/Rehab	SM-130009	2	\$60		\$10,318	\$10,318
SM	MTC	Local Road	Regional Planning Activities and PPM - San Mateo	SystMgmt	SM-090024	15	\$10,318		\$1,912	\$33,600
SM	MTC	Local Road	Local PDA Planning - San Mateo	SystMgmt	SM-110067	5	\$1,912		\$487	\$537
SM	MTC	Tollway	Dumbarton Bridge Seismic Retrofit	Maint/Rehab	SM-130001	2	\$50		\$2,330	\$2,450
SM	Pacifica	Local Road	FY 2014-15 Linda Mar Boulevard Pavement Rehab	Maint/Rehab	SM-110073	3	\$120		\$33,377	\$50,550
SM	Pacifica	Local Road	Palmetto Avenue Streetscape	SystMgmt	SM-130016	2	\$9,573	\$7,600	\$10,550	\$12,805
SM	Pacifica	State Highway	SR 1 - Fessler to West Port Drive Widening	Expansion	SM-050001	8	\$2,255		\$254	\$284
SM	Pacifica	State Highway	SR1 San Pedro Creek Bridge Replacement	Maint/Rehab	SM-050052	16	\$30		\$4,900	\$5,000
SM	Portola Valley	Local Road	Town of Portola Valley Resurfacing Prog	Maint/Rehab	SM-130006	2	\$100		\$425	\$510
SM	Redwood City	Local Road	Blomquist Street Extension	Expansion	SM-090007	4	\$85			
SM	Redwood City	Local Road	Middlefield Rd and Woodside Rd Intersection Improv	Expansion	SM-110065	4				

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SM	Redwood City	Local Road	Redwood City Various Streets Overlay	Maint/Rehab	SM-130002	3	\$20		\$628	\$648
SM	Redwood City	Local Road	Middlefield Road Bicycle / Ped Improvements	Expansion	SM-130022	3	\$540		\$6,110	\$6,650
SM	Redwood City	State Highway	US 101 / Woodside Interchange Improvement	Expansion	SM-050027	7	\$8,910	\$1,900	\$38,300	\$49,110
SM	SamTrans	Local Road	Making the Last Mile Connection TDM Program	SystMgmt	SM-110005	3	\$1,443		\$375	\$1,818
SM	SamTrans	Local Road	GBI: Removing Barriers to Livable Communities	SystMgmt	SM-110006	5	\$1,397			\$1,397
SM	SamTrans	State Highway	SR 82 - El Camino Real Grand Boulevard Initiative	SystMgmt	SM-050051	14	\$1,203		\$3,296	\$4,499
SM	SamTrans	Transit	SAMTRANS: Preventive Maintenance	Maint/Rehab	SM-030023	24			\$55,268	\$55,268
SM	SamTrans	Transit	Facility/Equipment Rehabilitation/Replacement	Maint/Rehab	SM-070049	11			\$1,233	\$1,233
SM	SamTrans	Transit	SAMTRANS: Advanced Communication System Upgrades	SystMgmt	SM-110053	7			\$13,495	\$13,495
SM	SamTrans	Transit	Reconfiguration of San Carlos Transit Center	SystMgmt	SM-110054	4			\$4,984	\$4,984
SM	SamTrans	Transit	SamTrans - Replace 62 1998 Gillig Buses	Maint/Rehab	SM-110062	5			\$35,630	\$35,630
SM	SamTrans	Transit	SamTrans - Replacement of Articulated Bus Fleet	Maint/Rehab	SM-110068	5			\$41,488	\$41,488
SM	SamTrans	Transit	Replacement of 19 2007 Cutaway Buses	Maint/Rehab	SM-110069	3			\$2,297	\$2,297
SM	SamTrans	Transit	SAMTRANS: Replacement of 14 2009 Minivans	Maint/Rehab	SM-110070	4			\$774	\$774
SM	SamTrans	Transit	SamTrans Service Plan (SSP)	SystMgmt	SM-130025	2			\$687	\$687
SM	SamTrans	Transit	SAMTRANS: ADA Paratransit Operating Subsidy	Operations	SM-990026	25			\$7,221	\$7,221
SM	San Bruno	Local Road	San Bruno Street Medians and Grand Blvd Imps	SystMgmt	SM-110011	3	\$99		\$739	\$838
SM	San Bruno	Local Road	San Bruno Transit Corridor Pedestrian Imps	SystMgmt	SM-110012	4	\$82		\$563	\$645
SM	San Bruno	Local Road	San Bruno Ave Street Medians Improvements	SystMgmt	SM-130019	2	\$30		\$830	\$860
SM	San Bruno	Local Road	SR 82 El Camino Real: Grand Boulevard Initiative	SystMgmt	SM-070031	9			\$1,079	\$1,079
SM	San Carlos	Local Road	East Side Community Transit Connectivity Imps	Expansion	SM-110028	3	\$532		\$2,239	\$2,771
SM	San Carlos	Local Road	Grestview Drive Pavement Rehabilitation-Phase 2	SystMgmt	SM-110075	4	\$50		\$650	\$700
SM	San Carlos	State Highway	US101/Holly Interchange modification	SystMgmt	SM-090008	4	\$3,500		\$15,500	\$19,000
SM	San Carlos	State Highway	San Carlos Streetscape and Ped Improvements	Expansion	SM-130012	3	\$141		\$819	\$960
SM	San Carlos	State Highway	El Camino Real Pedestrian Upgrades	Expansion	SM-130014	2	\$35		\$182	\$217
SM	San Mateo	Local Road	Smart Corridor Initial Implementation Project	SystMgmt	SM-090054	4			\$1,940	\$1,940
SM	San Mateo	Local Road	North Central Pedestrian Improvement Program	SystMgmt	SM-110064	5	\$147		\$1,408	\$1,554
SM	San Mateo	Local Road	Mount Diablo Ave. Rehabilitation	Maint/Rehab	SM-130004	2	\$15		\$310	\$325
SM	San Mateo	Local Road	San Mateo Citywide Crosswalk Improvements	SystMgmt	SM-130020	2	\$65		\$368	\$433
SM	San Mateo	State Highway	SR92/El Camino Real (SR82) Ramp Modifications	SystMgmt	SM-110047	7	\$4,205	\$1,500	\$10,395	\$16,100
SM	San Mateo Co	Local Road	CSRT South of Dam Conversion	Expansion	SM-110024	5	\$101		\$1,125	\$1,125
SM	San Mateo Co	Local Road	CSRT South of Hwy 92 Conversion	Expansion	SM-110063	3	\$120		\$1,285	\$1,405
SM	San Mateo Co	Local Road	Semicyclic Rd Bicycle / Ped Access Improvements	SystMgmt	SM-130015	2	\$42		\$320	\$362
SM	SF City/County	Public Lands/Trails	Midcoast Multi-Modal Trail	Expansion	SM-130032	2	\$565		\$6,000	\$6,565
SM	SMCTA	Local Road	Southern Skyline Blvd. Ridge Trail Extension	Expansion	SM-130031	2	\$2,800		\$11,900	\$14,700
SM	SMCTA	State Highway	Woodside Road Widening - El Camino to Broadway	Expansion	SM-090011	6	\$700		\$1,900	\$2,600
SM	SMCTA	State Highway	SR 92 Shoulder Widening & Curve Correction	Expansion	SM-010002	15	\$600		\$4,700	\$5,300
SM	SMCTA	State Highway	US 101 / Willow Road Interchange Reconstruction	Maint/Rehab	SM-010047	19	\$8,480	\$3,172	\$48,022	\$59,674
SM	SMCTA	State Highway	Construct WB lane on Rte 92	Expansion	SM-090003	4	\$3,600	\$3,000	\$14,200	\$20,800
SM	SMCTA	State Highway	US 101 Aux lanes from Sierra Point to SF Cnty Line	Expansion	SM-090009	4	\$2,300		\$4,300	\$6,600
SM	SMCTA	State Highway	I-280/Route 1 interchange safety improvements	SystMgmt	SM-090010	5	\$300		\$19,800	\$20,100
SM	SMCTA	State Highway	Improve Rte 92 from SM Bridge to I-280	Expansion	SM-090013	4	\$700		\$34,500	\$35,200
SM	SMCTA	State Highway	Improve US 101 operations near Rte 92	SystMgmt	SM-090014	6	\$6,128	\$0	\$18,211	\$24,339
SM	SSF	Local Road	SSF Citywide Sidewalk Gap Closure Project	Expansion	SM-130003	2	\$47		\$357	\$404
SM	SSF	State Highway	US 101/Produce Avenue Interchange	Expansion	SM-110003	3	\$1,540		\$125,930	\$127,470
SM	SSF	State Highway	South San Francisco Grand Blvd Ped Improvements	SystMgmt	SM-130013	2	\$170		\$961	\$1,131
SM	SSF	State Highway	Grand Boulevard Initiative Complete Street Program	SystMgmt	SM-130030	2			\$2,539	\$2,539
SM	WETA	Transit	WETA: Redwood City Ferry Service	Expansion	SM-110002	3			\$15,000	\$15,000
Totals for San Mateo County							\$168,196	\$39,998	\$1,792,709	\$2,000,903

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SCL	ACE	Transit	ACE: ADA Operating Set-aside	Operations	ALA050042	14			\$528	\$528
SCL	Caltrain	Transit	South Terminal Wayside Power	Maint/Rehab	SCL110131	3			\$2,249	\$2,249
SCL	Caltrans	State Highway	SR 87 Guadalupe Freeway Corridor Landscaping	SystMgmt	SCL030008	12	\$638	\$27	\$8,260	\$8,925
SCL	Caltrans	State Highway	US 101 / SR 87 - Trimble Road Landscaping	SystMgmt	SCL050013	8	\$193	\$23	\$2,174	\$2,390
SCL	Campbell	Local Road	Virginia Avenue Sidewalks	Expansion	SCL130017	3	\$92		\$708	\$800
SCL	Gilroy	Local Road	Gilroy New Ronan Channel and Lions Creek Trails	Expansion	SCL110032	4	\$760		\$1,169	\$1,929
SCL	Gilroy	Local Road	Eagleberry Street Resurfacing	Maint/Rehab	SCL130025	2	\$105		\$808	\$913
SCL	Los Altos	Local Road	Los Altos Various Streets and Roads Preservation	Maint/Rehab	SCL130023	3	\$35		\$352	\$387
SCL	Los Altos Hills	Local Road	El Monte Road Preservation	Maint/Rehab	SCL130013	2	\$30	\$5	\$315	\$350
SCL	Los Gatos	Local Road	Hillside Road Preservation	Maint/Rehab	SCL130014	3	\$18		\$139	\$157
SCL	Milpitas	Local Road	SR 237 - Calaveras Blvd Widening	Expansion	SCL050077	7	\$500	\$6,000	\$55,000	\$61,500
SCL	Milpitas	Local Road	Milpitas Various Streets and Roads Preservation	Maint/Rehab	SCL130035	2	\$55	\$5	\$1,867	\$1,927
SCL	Morgan Hill	Local Road	Monterey Road Preservation	Maint/Rehab	SCL130043	2	\$153		\$1,558	\$1,711
SCL	Mountain View	Local Road	Mountain View Castro Street Complete Streets	SystMgmt	SCL130015	3	\$110		\$840	\$950
SCL	Mountain View	Local Road	Mountain View Various Rd Preservation & Bike lanes	Maint/Rehab	SCL130018	3	\$151		\$1,318	\$1,469
SCL	MTC	Local Road	Local PDA Planning - Santa Clara	SystMgmt	SCL110125	5	\$6,043		\$6,043	\$6,043
SCL	Palo Alto	Local Road	Palo Alto - Citywide Traffic Signal upgrade	SystMgmt	SCL050091	10	\$45		\$458	\$503
SCL	Palo Alto	Local Road	Arastradero Road Schoolscope/Multise Trail	Expansion	SCL130034	2	\$196		\$1,306	\$1,502
SCL	Palo Alto	Local Road	Palo Alto Various Street Resurfacing & Streetscape	Maint/Rehab	SCL130042	3	\$10		\$1,081	\$1,091
SCL	Palo Alto	State Highway	Adobe Creek/ Highway 101 Bicycle Pedestrian Bridge	Maint/Rehab	SCL130041	3	\$1,500		\$8,000	\$9,500
SCL	San Jose	Local Road	Bay Trail Reach 9 & 9B	Expansion	SCL050082	8	\$815	\$63	\$7,660	\$8,538
SCL	San Jose	Local Road	San Jose Charcot Avenue Extension Over I-880	Expansion	SCL090003	4	\$1,000	\$1,200	\$28,000	\$30,200
SCL	San Jose	Local Road	Downtown San Jose Bike Lanes and De-couplet	SystMgmt	SCL090004	6	\$1,815	\$5,000	\$13,000	\$19,815
SCL	San Jose	Local Road	Coleman Avenue Widening from I-880 to Taylor St.	Expansion	SCL090005	4	\$1,000	\$2,000	\$10,000	\$13,000
SCL	San Jose	Local Road	San Jose North 1st Street Core Area Streets Imps.	Expansion	SCL090007	4	\$100	\$900	\$60,000	\$61,000
SCL	San Jose	Local Road	San Jose: Various Intersection Improvements	SystMgmt	SCL090008	4	\$1,200	\$1,600	\$26,200	\$29,000
SCL	San Jose	Local Road	Montague Expwy Widening - Lick Mill-Trade Zone	Expansion	SCL090010	5	\$500	\$1,000	\$12,000	\$13,500
SCL	San Jose	Local Road	San Jose - Autumn Street Extension	Expansion	SCL110006	5	\$5,300		\$12,000	\$17,300
SCL	San Jose	Local Road	Innovative Bicycle Detection System	SystMgmt	SCL110016	4	\$161		\$1,710	\$1,871
SCL	San Jose	Local Road	San Jose: Los Gatos Creek Reach 5 Underpass	Expansion	SCL110029	4	\$1,450	\$100	\$3,000	\$4,550
SCL	San Jose	Local Road	San Jose - San Carlos Multimodal Phase 2	SystMgmt	SCL110034	8	\$359		\$3,338	\$3,697
SCL	San Jose	Local Road	San Jose Walk N Roll - Safe Access	SystMgmt	SCL110057	6	\$97	\$0	\$556	\$653
SCL	San Jose	Local Road	Park Avenue Multi-Modal Improvements	Expansion	SCL110117	4	\$237		\$1,583	\$1,820
SCL	San Jose	Local Road	St. John Street Multi-Modal Improvements - Phase 1	Expansion	SCL110118	4	\$163		\$1,713	\$1,876
SCL	San Jose	Local Road	San Jose Citywide Bikeway Program	Expansion	SCL130004	2	\$157		\$1,299	\$1,456
SCL	San Jose	Local Road	San Jose Citywide Pavement Management Program	Maint/Rehab	SCL130005	3	\$600		\$12,503	\$13,103
SCL	San Jose	Local Road	San Jose Citywide SRTS Program	SystMgmt	SCL130006	2	\$174		\$1,133	\$1,307
SCL	San Jose	Local Road	Jackson Ave Bicycle and Pedestrian Improvements	SystMgmt	SCL130007	4	\$665	\$0	\$1,234	\$1,899
SCL	San Jose	Local Road	San Jose Walk N' Roll Phase II	SystMgmt	SCL130008	2			\$1,000	\$1,000
SCL	San Jose	Local Road	San Jose Pedestrian Oriented Traffic Signals	SystMgmt	SCL130010	3	\$1,899		\$1,899	\$3,798
SCL	San Jose	Local Road	St. Johns Bikeway and Pedestrian Improvements	Expansion	SCL130011	3	\$315		\$1,185	\$1,500
SCL	San Jose	Local Road	The Alameda Grand Blvd. Phase 2	SystMgmt	SCL130012	4	\$930		\$3,500	\$4,430
SCL	San Jose	Local Road	East San Jose Bikeways	Expansion	SCL130016	2	\$457	\$75	\$2,000	\$2,532
SCL	San Jose	Local Road	San Jose Smart Intersections Program	SystMgmt	SCL130036	2	\$410		\$897	\$1,307
SCL	San Jose	Local Road	US 101 Zanker Road /North 4th Street/Skyport Drive	Expansion	SCL130047	2	\$20,000	\$10,000	\$82,000	\$112,000
SCL	San Jose	Public Lands/Trails	Almaden Expressway Trail	Expansion	SCL050039	11	\$592	\$100	\$1,500	\$2,192
SCL	San Jose	Public Lands/Trails	Coyote Creek Trail	Expansion	SCL050083	8	\$1,649		\$32,831	\$34,480
SCL	San Jose	Public Lands/Trails	Coyote Creek Trail Reach 5.3 (Brokaw to UPRR)	Expansion	SCL150002	1	\$805		\$2,140	\$2,945
SCL	San Jose	State Highway	US 101 / Blossom Hill I/C Reconst & Road Widening	Expansion	SCL030006	7	\$1,708	\$125	\$13,167	\$15,000

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SCL	San Jose	State Highway	US 101 / Mabury New Interchange	Expansion	SCL070004	6	\$500	\$1,000	\$19,250	\$20,750
SCL	San Jose	State Highway	I-880/Montague Expressway interchange Improvements	Expansion	SCL090015	4	\$1,000	\$2,000	\$11,340	\$14,340
SCL	San Jose	State Highway	US 101 SB Trimble Road/De La Cruz Boulevard/Centra	SystMgmt	SCL090025	5	\$1,000	\$700	\$32,300	\$34,000
SCL	San Jose	Transit	San Jose International Airport People Mover	Expansion	SCL090019	5	\$55,575	\$33,400	\$419,025	\$508,000
SCL	Santa Clara Co	Local Road	Central Expressway Auxiliary Lanes	SystMgmt	SCL070049	8	\$1,613	\$350	\$15,037	\$17,000
SCL	Santa Clara Co	Local Road	San Tomas Expressway Box Culvert Rehabilitation	Maint/Rehab	SCL090002	8	\$750		\$8,867	\$9,617
SCL	Santa Clara Co	Local Road	Montague Expwy Widening - Trade Zone-I-680	Expansion	SCL090017	4	\$1,000	\$1,000	\$13,540	\$15,540
SCL	Santa Clara Co	Local Road	Page Mill Road/I-280 Interchange Reconfiguration	SystMgmt	SCL110004	3	\$1,000	\$100	\$6,720	\$7,820
SCL	Santa Clara Co	Local Road	San Tomas Expressway Widening	Expansion	SCL110007	5	\$8,740	\$1,700	\$45,660	\$56,100
SCL	Santa Clara Co	Local Road	Isabel Bridge Replacement (37C0089)	Maint/Rehab	SCL110108	6	\$700	\$30	\$4,300	\$5,030
SCL	Santa Clara Co	Local Road	East San Jose Pedestrian Improvements	Expansion	SCL110121	4	\$320		\$2,340	\$2,660
SCL	Santa Clara Co	Local Road	Santa Clara County NonInfrastructure SRTS Program	Expansion	SCL130021	2			\$838	\$838
SCL	Santa Clara Co	Local Road	San Tomas Aquino Spur Multi-Use Trail Phase 2	Expansion	SCL130022	3	\$400		\$4,594	\$4,994
SCL	Santa Clara Co	Local Road	Capitol Expressway ITS and Bike/Ped Improvements	SystMgmt	SCL130037	3	\$1,434		\$8,700	\$10,134
SCL	Santa Clara Co	State Highway	US 101/Montague Expressway Interchange	Expansion	SCL090027	4	\$1,900	\$100	\$11,500	\$13,500
SCL	Saratoga	Local Road	Highway 9 Safety Improvements	SystMgmt	SCL070050	9	\$522		\$2,104	\$2,626
SCL	Saratoga	Local Road	Prospect Rd Complete Streets	SystMgmt	SCL130026	2	\$260	\$5	\$4,500	\$4,765
SCL	Saratoga	State Highway	Saratoga Village Sidewalk Rehabilitation	Maint/Rehab	SCL130027	3	\$19		\$183	\$202
SCL	Sunnyvale	Local Road	SR 237/US 101/Mathilda Interchange Modifications	SystMgmt	SCL130001	2	\$2,000	\$2,000	\$11,000	\$15,000
SCL	Sunnyvale	Local Road	Sunnyvale/Saratoga Road Bike/Ped Safety Enhancmts.	SystMgmt	SCL130028	3	\$90		\$524	\$614
SCL	Sunnyvale	Local Road	Fair Oaks Avenue Bikeway and Streetscape	Expansion	SCL130029	2	\$174		\$1,036	\$1,210
SCL	Sunnyvale	Local Road	Maude Avenue Bikeway and Streetscape	SystMgmt	SCL130030	2	\$135		\$695	\$830
SCL	Sunnyvale	Local Road	Sunnyvale SRTS Ped Infrastructure Improvements	SystMgmt	SCL130032	2	\$331		\$1,569	\$1,900
SCL	Sunnyvale	Local Road	Duane Avenue Roadway Preservation	Maint/Rehab	SCL130033	2	\$336		\$1,464	\$1,800
SCL	Sunnyvale	Public Lands/Trails	Sunnyvale East and West Channel Multi-Use Trails	Expansion	SCL130031	2	\$400		\$4,345	\$4,745
SCL	VTA	Local Road	Santa Clara Caltrain Station Bike/Ped Tunnel	Expansion	SCL090031	6	\$2,134		\$9,250	\$11,384
SCL	VTA	Local Road	Regional Planning Activities and PPM - Santa Clara	SystMgmt	SCL090035	13	\$18,572		\$18,572	\$18,572
SCL	VTA	Public Lands/Trails	Upper Penitencia Creek Multi-Use Trail	Expansion	SCL130020	3	\$560	\$50	\$1,514	\$2,124
SCL	VTA	State Highway	I-880 Coleman Avenue I/C Reconfiguration	Expansion	SCL010019	17	\$10,000	\$4,400	\$63,644	\$78,044
SCL	VTA	State Highway	SR-152/SR-156 Interchange Improvements	Expansion	SCL010040	18	\$7,855	\$2,792	\$34,335	\$44,983
SCL	VTA	State Highway	Garvey Dept. Srv. - SCL010019, SCL990030-31	Expansion	SCL030012	9			\$173,967	\$173,967
SCL	VTA	State Highway	New SR152 Alignment Study	Expansion	SCL090016	6	\$10,000		\$10,000	\$10,000
SCL	VTA	State Highway	SR 85 Express Lanes	Expansion	SCL090030	9	\$23,800	\$500	\$145,700	\$170,000
SCL	VTA	State Highway	Santa Clara County - US 101 Express Lanes	Expansion	SCL110002	4	\$40,200	\$5,000	\$379,800	\$425,000
SCL	VTA	State Highway	SR 237 Express Lanes: Zanker Rd to Mathilda Ave	Expansion	SCL110008	5	\$4,100		\$11,900	\$16,000
SCL	VTA	State Highway	SR 237 Express Lanes: Mathilda Avenue to SR 85	Expansion	SCL130002	2	\$4,000	\$1,200	\$78,590	\$83,790
SCL	VTA	State Highway	I-880 Stevens Creek Landscaping	SystMgmt	SCL130044	2	\$871		\$3,000	\$3,871
SCL	VTA	State Highway	I-680 Soundwalls - Capitol Expwy to Mueller Ave	SystMgmt	SCL150001	1	\$503	\$94	\$3,859	\$4,456
SCL	VTA	Transit	BART - Berryessa to San Jose Extension	Expansion	BRT030001	16	\$15,672		\$3,946,628	\$3,962,300
SCL	VTA	Transit	VTA - Standard & Small Bus Replacement	Maint/Rehab	SCL050001	15			\$122,929	\$122,929
SCL	VTA	Transit	VTA - Rail Replacement Program	Maint/Rehab	SCL050002	17			\$24,370	\$24,370
SCL	VTA	Transit	Capitol Expressway LRT Extension- Phase II	Expansion	SCL050009	12	\$52,166	\$35,573	\$206,161	\$293,900
SCL	VTA	Transit	VTA: ADA Bus Stop Improvements	SystMgmt	SCL050045	16			\$4,088	\$4,088
SCL	VTA	Transit	VTA: ADA Operating Set Aside	Operations	SCL050046	15			\$39,434	\$39,434
SCL	VTA	Transit	VTA: Rail Substation Rehab/Replacement	Maint/Rehab	SCL050049	14			\$21,892	\$21,892
SCL	VTA	Transit	Santa Clara/Alum Rock Transit Improvement/BRT	Expansion	SCL090001	6	\$25,955	\$11,000	\$78,308	\$115,263
SCL	VTA	Transit	LRT Extension to Vasona Junction	Expansion	SCL090040	4	\$23,000	\$2,000	\$151,000	\$176,000
SCL	VTA	Transit	VTA: Renewable Energy Conversion Project	SystMgmt	SCL090041	4			\$938	\$938
SCL	VTA	Transit	VTA: San Jose High Volume Bus Stop Upgrade	SystMgmt	SCL090043	5			\$750	\$750

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Report by Phase

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SCL	VTA	Transit	VTA: TP OCS Rehab & Replacement	Maint/Rehab	SCL090044	8			\$9,085	\$9,085
SCL	VTA	Transit	BART - Warm Springs to Berryessa Extension	Expansion	SCL110005	9	\$143,860	\$340,640	\$2,037,400	\$2,521,900
SCL	VTA	Transit	El Camino Real Bus Rapid Transit	Expansion	SCL110009	4	\$23,900	\$3,600	\$206,200	\$233,700
SCL	VTA	Transit	VTA: Stevens Creek Bus Rapid Transit	Expansion	SCL110010	6	\$16,100	\$2,000	\$143,407	\$161,507
SCL	VTA	Transit	VTA: Light Rail Bridge and Structure - SG Repair	Maint/Rehab	SCL110099	3			\$1,700	\$1,700
SCL	VTA	Transit	VTA: Kinkishanyo LRV Overhaul Program	Maint/Rehab	SCL110100	3			\$1,287	\$1,287
SCL	VTA	Transit	VTA: LRV Body Shop Dust Separation Wall	Maint/Rehab	SCL110101	3			\$693	\$693
SCL	VTA	Transit	VTA: LRV Maintenance Shop Hoist	Maint/Rehab	SCL110102	3			\$3,437	\$3,437
SCL	VTA	Transit	VTA: Update Santa Teresa Interlock Signal House	Maint/Rehab	SCL110103	4			\$2,160	\$2,160
SCL	VTA	Transit	VTA: Light Rail Track Crossovers and Switches	Maint/Rehab	SCL110104	3			\$724	\$724
SCL	VTA	Transit	VTA: LR Signal Assessment / SCADA Replacement	SystMgmt	SCL110105	3	\$3,500		\$1,793	\$3,500
SCL	VTA	Transit	VTA: Light Rail Transit Signal Priority Improvement	Expansion	SCL110119	4	\$841			\$841
SCL	VTA	Transit	Montague Expy Ped Bridge at Milpitas BART Study	Expansion	SCL130040	2				
SCL	VTA	Transit	Mountain View Double Track Improvements - Phase II	Expansion	SCL150003	1	\$5,000	\$300	\$24,700	\$30,000
SCL	VTA	Transit	VTA: Preventive Maintenance	Maint/Rehab	SCL990046	36			\$571,642	\$571,642
Totals for Santa Clara County							\$567,980	\$479,757	\$9,564,894	\$10,612,631

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SOL	Benicia	Local Road	Benicia - East 2nd Street Preservation	Maint/Rehab	SOL130008	2	\$10		\$559	\$569
SOL	Benicia	Local Road	Benicia Safe Routes to Schools Infrastructure Imps	Expansion	SOL130009	2	\$10		\$114	\$124
SOL	Benicia	Transit	Military/Southampton & Military/First Intermodal	Expansion	SOL010031	10	\$523		\$2,477	\$3,000
SOL	Benicia	Transit	Benicia Industrial Park Bus Hub Project	Expansion	SOL110008	4	\$485	\$90	\$675	\$1,250
SOL	Caltrans	State Highway	I-80/I-680 Aux Lanes Improvement Landscaping	SysMgmt	SOL050003	8	\$700	\$60	\$1,784	\$2,544
SOL	Caltrans	State Highway	I-80 Alamo Creek On-Ramp and Bridge Widening	Expansion	SOL070002	5	\$1,073	\$5	\$2,846	\$3,924
SOL	Dixon	Local Road	Dixon SR2S Infrastructure Improvements	SysMgmt	SOL130012	2	\$12		\$113	\$125
SOL	Dixon	Local Road	West A Street Preservation	Maint/Rehab	SOL130013	2	\$66		\$660	\$726
SOL	Fairfield	Local Road	Beck Avenue Preservation	Maint/Rehab	SOL130002	2	\$180		\$1,800	\$1,980
SOL	Fairfield	Transit	Fairfield/Vacaville Intermodal Rail Station	Expansion	SOL030002	21	\$6,168	\$2,890	\$71,487	\$80,545
SOL	Fairfield	Transit	Fairfield Transportation Center - Phase 3	Expansion	SOL110007	3	\$815		\$7,708	\$8,523
SOL	FWHA	Local Road	San Pablo Bay Entrance Rehabilitation	Maint/Rehab	SOL030015	8	\$75		\$550	\$625
SOL	F-S Transit	Transit	Fairfield-Suisun Transit: Operating Assistance	Operations	SOL010006	26			\$49,054	\$49,054
SOL	F-S Transit	Transit	Fairfield Transit: 1 Gillig Bus Replacement	Maint/Rehab	SOL110041	5			\$706	\$706
SOL	F-S Transit	Transit	Oliver Road Park and Ride	SysMgmt	SOL130001	2	\$564	\$601	\$778	\$1,943
SOL	MTC	Local Road	Regional Planning Activities and PPM - Solano	SysMgmt	SOL090006	15	\$8,642		\$8,642	\$8,642
SOL	MTC	State Highway	I-80 Express Lanes - Fairfield & Vacaville Ph I&II	Expansion	SOL110001	5	\$30,800	\$4,000	\$202,000	\$236,800
SOL	Rio Vista	State Highway	SR 12 crossing with updated lighting	SysMgmt	SOL130014	2	\$15		\$115	\$130
SOL	Solano County	Local Road	Cordelia Hills Sky Valley	Expansion	SOL070012	8	\$175	\$2,525	\$50	\$2,750
SOL	Solano County	Local Road	Travis AFB: South Gate Improvement Project	Expansion	SOL070021	13	\$337	\$160	\$2,050	\$2,547
SOL	Solano County	Local Road	Vacaville-Dixon Bicycle Route (Phase 5)	SysMgmt	SOL090035	8	\$156		\$2,725	\$2,881
SOL	Solano County	Local Road	Roadway Preservation in Solano County	Maint/Rehab	SOL110036	6	\$124		\$1,569	\$1,693
SOL	Solano County	Local Road	Suisun Valley Bicycle and Pedestrian Imps	Expansion	SOL130007	2	\$280		\$1,047	\$1,327
SOL	Solano County	State Highway	Redwood-Fairgrounds Dr Interchange Imps (Study)	Expansion	SOL090015	5	\$1,609		\$1,609	\$1,609
SOL	SolTrans	Transit	SolTrans: Preventive Maintenance	Maint/Rehab	SOL070032	9			\$2,131	\$2,131
SOL	SolTrans	Transit	SolTrans: AVL Technology	SysMgmt	SOL090028	6			\$2,160	\$2,160
SOL	SolTrans	Transit	SolTrans: Bus Maintenance Facility Renovation	Maint/Rehab	SOL090033	8			\$3,688	\$3,688
SOL	SolTrans	Transit	Bus Replacement (Alternative Fuel)	Maint/Rehab	SOL090034	11			\$3,458	\$3,458
SOL	SolTrans	Transit	SolTrans: ADA Paratransit Operating Subsidy	Operations	SOL110025	7			\$2,313	\$2,313
SOL	SolTrans	Transit	SolTrans: Capital Maintenance - Fuel	Operations	SOL110033	3			\$401	\$401
SOL	SolTrans	Transit	SolTrans: Technology Enhancements	SysMgmt	SOL110038	4			\$94	\$94
SOL	SolTrans	Transit	SolTrans: Operating Assistance	Operations	SOL110040	7			\$15,008	\$15,008
SOL	SolTrans	Transit	Bus Replacement (Local)	Maint/Rehab	SOL130019	2			\$1,953	\$1,953
SOL	STA	Local Road	Jepson: Vanden Road from Peabody to Leisure Town	Expansion	SOL110003	7	\$4,900	\$3,800	\$21,756	\$30,456
SOL	STA	Local Road	Jepson: Walters Rd Ext - Peabody Rd Widening	Expansion	SOL110004	4	\$1,454	\$1,304	\$10,673	\$13,431
SOL	STA	Local Road	Jepson: Leisure Town Road from Vanden to Commerce	Expansion	SOL110005	7	\$1,926	\$1,016	\$25,126	\$28,068
SOL	STA	Local Road	Jepson: Leisure Town Road (Commerce to Orange)	Expansion	SOL110006	5	\$995	\$893	\$10,434	\$12,322
SOL	STA	Local Road	Solano Safe Routes to School Program	SysMgmt	SOL110019	7			\$2,287	\$2,287
SOL	STA	Local Road	Local PDA Planning - Solano	SysMgmt	SOL110039	6			\$1,782	\$1,782
SOL	STA	Local Road	Local PCA Planning - Solano	SysMgmt	SOL130011	2	\$85		\$85	\$85
SOL	STA	State Highway	I-80/I-680/SR 12 Interchange Project	Expansion	SOL070020	10	\$44,413	\$41,234	\$632,273	\$717,920
SOL	STA	Transit	Eastern Solano / SNCI Rideshare Program	SysMgmt	SOL110020	4			\$1,105	\$1,105
SOL	STA	Transit	Solano Transit Ambassador Program	SysMgmt	SOL130010	2			\$282	\$282
SOL	Suisun City	Local Road	Grizzly Island Trail - Phase 1	Expansion	SOL110012	5	\$416		\$1,748	\$2,164
SOL	Suisun City	Local Road	Walters Road-Pintail Drive Preservation	Maint/Rehab	SOL130004	3	\$15		\$402	\$417
SOL	Suisun City	Local Road	Driftwood Drive Path	Expansion	SOL130020	2	\$50		\$349	\$399
SOL	Suisun City	Transit	Suisun-Fairfield Intercity Rail Station Access Imp	SysMgmt	SOL130003	4	\$124		\$507	\$631
SOL	Vacaville	Local Road	Vacaville Transit - Curb Ramps	SysMgmt	SOL110034	4			\$50	\$50
SOL	Vacaville	Local Road	Vacaville Various Street and Roads Preservation	Maint/Rehab	SOL110043	5	\$60		\$1,391	\$1,451

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SOL	Vacaville	Local Road	Allison Bicycle / Ped Improvements	Expansion	SOL130005	2	\$76	\$45	\$390	\$511
SOL	Vacaville	Local Road	Ulatis Creek Bike/Ped Path & Siscpe McCellan-Depot	Expansion	SOL130006	2	\$170		\$395	\$565
SOL	Vacaville	Local Road	Vacaville SRTS Infrastructure Improvements	SystMgmt	SOL130016	3	\$30	\$0	\$313	\$343
SOL	Vacaville	State Highway	I-505/Vaca Valley Off-Ramp and Intersection Imprv.	Expansion	SOL090001	4	\$240		\$1,300	\$1,540
SOL	Vacaville	Transit	Vacaville Transit: Operating Assistance	Operations	SOL010007	19			\$15,529	\$15,529
SOL	Vacaville	Transit	Vacaville Intermodal Station - Phase 2	Expansion	SOL110009	3	\$2,077		\$9,133	\$11,210
SOL	Vacaville	Transit	Vacaville Transit: Procure 3 Fixed Route Buses	Expansion	SOL110042	5			\$1,590	\$1,590
SOL	Vacaville	Transit	Transit Marketing and Public Outreach	SystMgmt	SOL130017	3			\$215	\$215
SOL	Vacaville	Transit	Procure 3 Low Floor Paratransit Buses	Expansion	SOL130018	2			\$493	\$493
SOL	Vacaville	Transit	Vacaville: Bus maintenance facility upgrades	SystMgmt	SOL950024	12			\$1,699	\$1,699
SOL	Vacaville	Transit	Vacaville: Purchase bus shelters	Maint/Rehab	SOL97AM70	12			\$882	\$882
SOL	Vacaville	Transit	Purchase Transit Equipment - Fareboxes and Tools	Maint/Rehab	SOL991099	17	\$140		\$283	\$423
SOL	Vallejo	Local Road	Vallejo Downtown Streetscape	SystMgmt	SOL110035	7	\$233		\$3,661	\$3,894
SOL	Vallejo	Local Road	Vallejo SRTS Infrastructure Improvements	SystMgmt	SOL130015	2	\$20	\$2	\$258	\$280
SOL	Vallejo	State Highway	Sonoma Boulevard Improvements HSIP5-04-031	SystMgmt	SOL110037	3	\$57		\$294	\$352
SOL	Vallejo	State Highway	I-80 / American Canyon Rd overpass Improvements	Expansion	SOL990018	9			\$5,230	\$5,230
SOL	Vallejo	Transit	Vallejo Curtola Transit Center	Expansion	SOL050012	7	\$3,300		\$8,450	\$11,750
SOL	Vallejo	Transit	Vallejo Ferry Terminal (Intermodal Station)	Expansion	SOL950035	25	\$6,000	\$9,001	\$64,129	\$79,130
SOL	WETA	Transit	North Bay Operations and Maintenance Facility	Expansion	SOL991032	21	\$75		\$28,120	\$28,195
Totals for Solano County							\$119,676	\$67,626	\$1,234,601	\$1,421,903

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SON	Caltrans	Local Road	Rehab King Ridge Bridge over Austin Crk 20C0433	Expansion	SON070026	11	\$450	\$85	\$1,503	\$2,038
SON	Caltrans	State Highway	Son 101 HOV - SR 12 to Steele & Steele Lane I/C	Expansion	SON010001	19	\$2,923	\$173	\$2,967	\$6,063
SON	Caltrans	State Highway	HWY 101 HOV Lane 12/Steel - Follow-up College Ave	Expansion	SON110001	4	\$1,850	\$4,980	\$2,518	\$9,348
SON	Caltrans	State Highway	Son 101 HOV - Rohnert Park Expwy to Santa Rosa Av	Expansion	SON090005	16	\$11,775	\$8,070	\$69,870	\$89,715
SON	Cloverdale	Local Road	Cloverdale - Safe Routes to School Phase 2	Expansion	SON130016	2	\$66	\$101	\$250	\$417
SON	Cotati	Local Road	Downtown Specific Plan Area Revitalization	SystMgmt	SON110007	4	\$400	\$330	\$1,320	\$2,050
SON	Cotati	Local Road	Cotati - Old Redwood Highway S. Preservation	Maint/Rehab	SON130008	2	\$50		\$250	\$300
SON	Cotati	Transit	City of Cotati Train Depot	Expansion	SON110015	5	\$120		\$4,321	\$4,441
SON	FWLS	Local Road	San Pablo Bay NWR Access Road in Petaluma	Expansion	SON110030	3	\$1,230	\$20,000	\$2,250	\$23,480
SON	Healdsburg	Local Road	Healdsburg Foss Creek Bicycle/Ped Pathway	Expansion	SON050017	11	\$314		\$3,574	\$3,888
SON	Healdsburg	Local Road	Healdsburg Pedestrian Safety and Access Improvements	SystMgmt	SON110054	4	\$65	\$20	\$254	\$339
SON	Healdsburg	Local Road	Healdsburg Various Streets & Roads Rehabilitation	Maint/Rehab	SON130005	2	\$33		\$250	\$283
SON	MTC	Local Road	Regional Planning Activities and PPM - Sonoma	SystMgmt	SON090008	12	\$8,902		\$376	\$8,902
SON	MTC	Local Road	Stewarts Point Rancheria EV Pilot Program	SystMgmt	SON110034	4				\$376
SON	NBFS	Transit	Ferry Service to Port Sonoma	Expansion	SON070013	6	\$23,171		\$23,171	\$23,171
SON	Petaluma	Local Road	Petaluma Complete Streets	Maint/Rehab	SON130002	2	\$270		\$1,818	\$2,088
SON	Petaluma	Transit	Petaluma Transit: Preventive Maintenance	Maint/Rehab	SON090009	8			\$554	\$554
SON	Petaluma	Transit	Petaluma Paratransit: Replace 2 Vans	Maint/Rehab	SON090029	4			\$226	\$226
SON	Petaluma	Transit	Petaluma Transit: AVL System	Maint/Rehab	SON090030	4			\$150	\$150
SON	Petaluma	Transit	Petaluma Transit Maintenance Facility Rehab: Ph 1	Maint/Rehab	SON110004	3	\$275		\$475	\$750
SON	Petaluma	Transit	Petaluma Transit - Communications Equipment	SystMgmt	SON110032	3			\$58	\$58
SON	Petaluma	Transit	Petaluma Transit Maintenance Facility Rehab: Ph 2	Maint/Rehab	SON110033	3	\$150		\$850	\$1,000
SON	Petaluma	Transit	Petaluma: Replace 2 Paratransit Outways FY13	Maint/Rehab	SON110051	4			\$167	\$167
SON	Petaluma	Transit	Petaluma: Replace 2 Paratransit Outways FY14	Maint/Rehab	SON110052	5			\$172	\$172
SON	Petaluma	Transit	Petaluma Transit: Transit Signal Priority System	SystMgmt	SON130020	2	\$100		\$152	\$252
SON	Rohnert Park	Local Road	Copeland Creek Bike Path Reconstruction	Maint/Rehab	SON090032	6	\$140		\$600	\$740
SON	Rohnert Park	Local Road	Rohnert Park Streetscape and Pedestrian Imps	SystMgmt	SON130007	2	\$120		\$500	\$620
SON	Rohnert Park	Local Road	Rohnert Park Various Streets Preservation	Maint/Rehab	SON130009	2	\$351		\$1,103	\$1,454
SON	Santa Rosa	Local Road	SMART Bicycle and Pedestrian Path	Expansion	SON110017	3	\$122		\$1,144	\$1,266
SON	Santa Rosa	Local Road	Chanate Rd Pedestrian and Transit Improvements	SystMgmt	SON110018	3	\$327		\$1,306	\$1,633
SON	Santa Rosa	Local Road	Downtown Santa Rosa Streetscape	SystMgmt	SON130006	3	\$143		\$664	\$807
SON	Santa Rosa	Local Road	Santa Rosa Cmplt Sls Road Diet on Transit Corridor	SystMgmt	SON130017	2	\$400	\$100	\$2,460	\$2,960
SON	Santa Rosa	Local Road	Roseland Area / Sebastopol Rd Priority Development	SystMgmt	SON130021	2	\$1,378		\$1,378	\$1,378
SON	Santa Rosa	Transit	Santa Rosa City Bus: Transit Enhancements	SystMgmt	SON030012	24			\$410	\$410
SON	Santa Rosa	Transit	Downtown Transit Mall Connectivity Improvements	SystMgmt	SON070012	7	\$250		\$2,208	\$2,458
SON	Santa Rosa	Transit	Hybrid Electric Bus Purchase (Replacement)	Maint/Rehab	SON070020	16			\$3,631	\$3,631
SON	Santa Rosa	Transit	Automated Vehicle Location System	SystMgmt	SON090007	5			\$1,038	\$1,038
SON	Santa Rosa	Transit	Santa Rosa CityBus: Operating Assistance	Operations	SON090023	11			\$17,305	\$17,305
SON	Santa Rosa	Transit	Santa Rosa CityBus: Preventative Maintenance	Maint/Rehab	SON090024	14			\$9,300	\$9,300
SON	Santa Rosa	Transit	SR City Bus - Capital Maintenance - Fuel	Operations	SON110045	3			\$512	\$512
SON	Santa Rosa	Transit	Santa Rosa City Bus: Fast-fill CNG Fueling Station	Maint/Rehab	SON110047	3	\$780		\$1,980	\$2,760
SON	Santa Rosa	Transit	CityBus COA and Service Plan	SystMgmt	SON130018	2			\$113	\$113
SON	Sebastopol	Local Road	Sebastopol Various Streets and Roads Preservation	Maint/Rehab	SON130004	2	\$33		\$250	\$283
SON	SMART	Transit	Sonoma Marin Area Rail Corridor	Expansion	SON090002	13	\$70,394	\$16,750	\$451,430	\$538,573
SON	Son Co Reg Park	Local Road	Bodega Bay Trail Segments 1B and 1C	Expansion	SON070008	6	\$119		\$698	\$817
SON	Son Co Reg Park	Local Road	Central Sonoma Valley Trail	Expansion	SON110050	3	\$200		\$425	\$625
SON	Son Co Reg Park	Public Lands/Trails	SMART Trail-Hearn Avenue to Joe Rodota Trail	Expansion	SON110013	4	\$118		\$1,004	\$1,122
SON	Son Co TA	Local Road	Improve U.S. 101/Old Redwood Highway interchange	Expansion	SON090003	4	\$3,585	\$6,326	\$26,938	\$36,849
SON	Son Co TA	State Highway	Son 101 HOV - Steele Lane to Windsor (North)	Expansion	SON010019	11	\$9,500	\$7,560	\$105,239	\$122,299

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SON	Son Co TA	State Highway	Son 101 HOV - Redwood Hwy to Rohnert Park Expwy	Expansion	SON010024	12	\$13,407	\$8,333	\$113,212	\$134,952
SON	Son Co TA	State Highway	US 101/East Washington I/C Reconfiguration	Expansion	SON050015	11	\$3,835	\$4,635	\$12,918	\$21,388
SON	Son Co TA	State Highway	US 101 Marin/Sonoma Narrows (Sonoma)	Expansion	SON070004	17	\$27,663	\$20,524	\$324,513	\$372,700
SON	Son Co TA	State Highway	US 101 Airport I/C (North B)	SystMgmt	SON090005	5	\$4,920	\$6,388	\$31,500	\$42,808
SON	Son Co Transit	Transit	Sonoma Co Transit - Preventive Maintenance Program	Maint/Rehab	SON030005	24			\$13,209	\$13,209
SON	Son Co Transit	Transit	Sonoma County Transit: Bus Stop Improvement	SystMgmt	SON050021	19			\$130	\$130
SON	Son Co Transit	Transit	Sonoma County Transit: Replacement Bus Purchase	Maint/Rehab	SON070024	13			\$3,682	\$3,682
SON	Son Co Transit	Transit	Sonoma County Transit: Bus Yard Rehab.	Maint/Rehab	SON110003	3			\$575	\$575
SON	Son Co Transit	Transit	Sonoma County Transit: Replacement Bus Purchase	Maint/Rehab	SON110049	6			\$1,155	\$1,155
SON	Son Co Transit	Transit	Sonoma County Transit: CNG Bus Replacements	Maint/Rehab	SON130019	2			\$347	\$347
SON	Sonoma City	Local Road	Sonoma Various Streets and Roads Preservation	Maint/Rehab	SON130011	2	\$33		\$250	\$283
SON	Sonoma County	Local Road	Replace Laughlin Bridge over Mark West Crk 20C0246	Expansion	SON050001	14	\$1,325	\$100	\$12,620	\$14,045
SON	Sonoma County	Local Road	Replace Geysers Bridge over Sulpher Crk 20C0005	Expansion	SON090001	10	\$900	\$100	\$5,000	\$6,000
SON	Sonoma County	Local Road	Replace Chalk Hill Bridge over Maacama Crk 20C0242	Expansion	SON090025	9	\$573	\$200	\$6,000	\$6,773
SON	Sonoma County	Local Road	Replace Lambert Bridge over Dry Creek 20C0248	Expansion	SON090026	8	\$1,226	\$65	\$5,985	\$7,276
SON	Sonoma County	Local Road	Replace West Dry Creek Bridge over Pena Ck 20C0407	Expansion	SON090027	10	\$800	\$250	\$4,000	\$5,050
SON	Sonoma County	Local Road	Countywide Safe Routes to Schools Program	SystMgmt	SON110016	5			\$1,168	\$1,168
SON	Sonoma County	Local Road	Replace Bohan Dillon Bridge over Gualala 20C0435	Expansion	SON110024	6	\$490	\$30	\$1,450	\$1,970
SON	Sonoma County	Local Road	Replace Hauser Bridge over Gualala River 20C0240	Expansion	SON110025	6	\$990	\$50	\$5,544	\$6,584
SON	Sonoma County	Local Road	Replace Freestone Flat Bridge over Salmon 20C0440	Expansion	SON110026	6	\$563	\$50	\$2,644	\$3,257
SON	Sonoma County	Local Road	2011/12 Asphalt Overlay Program	Maint/Rehab	SON110028	3	\$20		\$4,425	\$4,445
SON	Sonoma County	Local Road	Sonoma County Various Streets & Roads Preservation	Maint/Rehab	SON130010	2	\$438		\$3,377	\$3,815
SON	Sonoma County	Local Road	Sonoma County - Safe Routes to School Program	SystMgmt	SON130014	3			\$1,379	\$1,379
SON	Sonoma County	Local Road	Bodega Highway Pavement Rehabilitation	Maint/Rehab	SON130015	2	\$60		\$1,130	\$1,190
SON	Sonoma County	Local Road	PDA Planning - Springs Area Plan	SystMgmt	SON150001	1	\$508			\$508
SON	Sonoma County	Local Road	PDA Planning - Airport Station/Specific Plan Amend	SystMgmt	SON150002	1	\$395			\$395
SON	Sonoma County	State Highway	Sonoma County Urban Footprint Planning	SystMgmt	SON130001	2			\$282	\$282
SON	Windsor	Local Road	ORH at Lakewood Dr. Bike and Ped Facilities	Expansion	SON110044	3	\$145		\$1,307	\$1,452
SON	Windsor	Local Road	Jaguar Way/Windsor Road Bicycle/Ped Improvements	SystMgmt	SON130003	2	\$122		\$590	\$712
SON	Windsor	Local Road	Conde Ln/Johnson St Pedestrian Improvements	SystMgmt	SON130012	2	\$97		\$392	\$489
SON	Windsor	Local Road	Bell Rd/Market St/Windsor River Rd Ped Improvement	SystMgmt	SON130013	2	\$92		\$372	\$464
Totals for Sonoma County							\$198,706	\$105,220	\$1,283,739	\$1,587,664

**Metropolitan Transportation Commission
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REG	ACE	Transit	ACE Positive Train Control	SystMgmt	REG110044	6	\$2,000		\$28,000	\$30,000
REG	ACWA	Local Road	Green Star / Cool Schools Program	SystMgmt	REG110016	5			\$980	\$980
REG	Alameda County	Local Road	Local Government EV Fleet Program	SystMgmt	REG110013	5	\$9		\$2,799	\$2,808
REG	BAAQMD	Regional	Spare the Air Program	SystMgmt	REG130006	3	\$791		\$3,389	\$4,180
REG	BAAQMD	Transit	Spare the Air Program	SystMgmt	REG130006	3	\$4,393		\$11,605	\$15,998
REG	BAIFA	Tollway	Regional Express Lane Network	SystMgmt	MTC990015	22	\$42,300	\$4,100	\$228,700	\$275,100
REG	BART	Transit	BART Train Control Renovation	Maint/Rehab	REG130004	5	\$400		\$189,577	\$189,977
REG	BART	Transit	BART: Traction Power System Renovation	Maint/Rehab	BRT030004	18	\$1,722		\$160,353	\$162,075
REG	BART	Transit	BART Transbay Tube Seismic Retrofit	Maint/Rehab	BRT030005	17	\$75,060	\$3,500	\$197,615	\$276,175
REG	BART	Transit	BART: Rail Way and Structures Program	Maint/Rehab	BRT971008	15			\$151,400	\$151,400
REG	BART	Transit	ADA Paratransit Capital Accessibility Improve	SystMgmt	BRT99101B	12			\$34,058	\$34,058
REG	BART	Transit	BART Car Exchange (Preventive Maintenance)	Maint/Rehab	REG050020	17			\$607,114	\$607,114
REG	BART	Transit	BART: Railcar Procurement Program	Maint/Rehab	REG090037	8			\$1,976,886	\$1,976,886
REG	Caltrain	Transit	Caltrain: Revenue Vehicle Rehab Program	Maint/Rehab	REG090051	10			\$8,184	\$8,184
REG	Caltrain	Transit	Caltrain: Preventive Maintenance	Maint/Rehab	REG090053	8			\$14,713	\$14,713
REG	Caltrain	Transit	Caltrain Transit Asset Management System (CTAMS)	Maint/Rehab	REG110025	4			\$750	\$750
REG	Caltrain	Transit	Caltrain Positive Train Control System	SystMgmt	REG110030	6	\$52,850		\$178,150	\$231,000
REG	Caltrain	Transit	Caltrain: Systemwide Track Rehab & Related Struct.	Maint/Rehab	SM-03006B	16			\$105,036	\$105,036
REG	Caltrain	Transit	Caltrain: Signal/Communication Rehab. & Upgrades	Expansion	SM-050041	19			\$39,469	\$39,469
REG	Caltrans	Local Road	GL: Safety Improvements - SRTS	Maint/Rehab	VAR110012	4			\$15,958	\$15,958
REG	Caltrans	Local Road	GL: Bridge Rehab/Recon. - Local Hwy Bridge Program	Maint/Rehab	VAR110045	8			\$456,371	\$456,371
REG	Caltrans	State Highway	Statewide Archaeological Reburial Database	Other	REG110022	3	\$575			\$575
REG	Caltrans	State Highway	Cultural Resources Legacy Data Database	Other	REG110023	3	\$1,630			\$1,630
REG	Caltrans	State Highway	Geographical Study of Route 101 Corridor	Other	REG110024	3	\$358			\$358
REG	Caltrans	State Highway	GL: Safety Improvements - SHOPP Mobility Program	Maint/Rehab	VAR110001	6			\$149,806	\$149,806
REG	Caltrans	State Highway	GL: Pavement Resurf./Rehab - SHOPP Roadway Presv.	Maint/Rehab	VAR110003	6			\$391,439	\$391,439
REG	Caltrans	State Highway	GL: Safety Imprv. - SHOPP Collision Reduction	Maint/Rehab	VAR110004	10			\$245,404	\$245,404
REG	Caltrans	State Highway	GL: Emergency Repair - SHOPP Emergency Response	Maint/Rehab	VAR110005	9			\$347,955	\$347,955
REG	Caltrans	State Highway	GL: Safety Imprv - Highway Safety Improvement Prog	SystMgmt	VAR110007	9			\$66,106	\$66,106
REG	Caltrans	State Highway	GL: Pmnt Resurf/Rehab SHS - Highway Maint.	Maint/Rehab	VAR110031	4			\$36,595	\$36,595
REG	Caltrans	State Highway	GL: Pmnt Resurf/Rehab State Hwy Sys - SHOPP Minor	Maint/Rehab	VAR110037	4			\$15,058	\$15,058
REG	Caltrans	State Highway	GL: Safety Improvements - SHOPP Mandates	Maint/Rehab	VAR110042	7			\$52,188	\$52,188
REG	Caltrans	State Highway	GL: Bridge Rehab and Reconstruction - SHOPP	Maint/Rehab	VAR110044	7			\$568,625	\$568,625
REG	Caltrans	Transit	GL: FTA Non-Urbanized Formula Program	Operations	REG110041	7			\$15,083	\$15,083
REG	Caltrans	Transit	GL: Elderly & Persons with Disability Program	Maint/Rehab	REG110042	6			\$7,921	\$7,921
REG	Caltrans	Transit	Oakland to San Jose Double Track (Segment 2A)	Expansion	REG150001	1	\$700		\$7,000	\$7,700
REG	Caltrans	Transit	GL: Railroad/Highway Crossings	SystMgmt	VAR110046	3			\$3,212	\$3,212
REG	MTC	Local Road	Regional Streets and Roads Program	Maint/Rehab	REG090039	8			\$15,690	\$15,690
REG	MTC	Local Road	Regional Arterial Operations & Signal Timing Prog	SystMgmt	REG090046	10			\$16,160	\$16,160
REG	MTC	Local Road	Parking Pricing Regional Analysis	SystMgmt	REG110029	4			\$700	\$700
REG	MTC	Local Road	Transit Oriented Affordable Housing	SystMgmt	REG130005	2			\$20,000	\$20,000
REG	MTC	Regional	Regional Planning Activities and PPM - MTC	SystMgmt	REG090038	14	\$8,948		\$2,017	\$10,965
REG	MTC	Regional	Regional Planning Activities - ABAG	SystMgmt	REG090040	12	\$6,546			\$6,546
REG	MTC	Regional	Regional Planning Activities - BCDC	SystMgmt	REG090041	10	\$2,698			\$2,698
REG	MTC	Regional	511 Traveler Information	SystMgmt	REG090042	12			\$104,060	\$104,060
REG	MTC	Regional	Climate Initiatives Program Public Education	SystMgmt	REG090065	9	\$10,643		\$400	\$11,043
REG	MTC	Regional	Climate Initiatives Evaluation and Administration	SystMgmt	REG090066	5	\$3,200			\$3,200
REG	MTC	Regional	Regional Bicycle Sharing Program	Expansion	REG110010	9	\$200	\$20	\$19,208	\$19,428
REG	MTC	Regional	Electric Vehicle Funding Strategies	SystMgmt	REG110011	8	\$25		\$2,308	\$2,333

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REG	MTC	Regional	Regional Planning - PDA Implementation	SystMgmt	REG110037	6			\$11,296	\$11,296
REG	MTC	Regional	Climate Change Adaptation&Vulnerability Assessment	SystMgmt	REG110043	3			\$1,200	\$1,200
REG	MTC	Regional	Regional Car Sharing	SystMgmt	REG130007	2			\$2,000	\$2,000
REG	MTC	Regional	Transportation Demand Management	SystMgmt	REG130008	2			\$6,000	\$6,000
REG	MTC	State Highway	Freeway Performance Initiative (FPI)	SystMgmt	REG090003	30	\$69,845	\$2,603	\$268,440	\$340,889
REG	MTC	Tollway	Toll Bridge Maintenance	Maint/Rehab	REG130001	2			\$72,000	\$72,000
REG	MTC	Tollway	Toll Bridge Rehabilitation Program	Maint/Rehab	REG130002	2			\$628,906	\$628,906
REG	MTC	Transit	Transit Commute Benefits Promotion	SystMgmt	MTC050001	7	\$50		\$4,950	\$5,000
REG	MTC	Transit	Real-time Transit Information Program	SystMgmt	MTC050020	7			\$21,000	\$21,000
REG	MTC	Transit	Safe Routes to Transit	Expansion	MTC050021	6			\$20,000	\$20,000
REG	MTC	Transit	Transit Capital Inventory Improvements	SystMgmt	REG050013	6	\$1,250			\$1,250
REG	MTC	Transit	GL: JARC FY 09 - FY 10 - Large UA	Operations	REG090002	11			\$19,275	\$19,275
REG	MTC	Transit	Clipper Fare Collection System	SystMgmt	REG090045	16	\$11,290		\$19,275	\$19,275
REG	MTC	Transit	Station Area Planning Program & Implementation	Expansion	REG110014	5	\$9,417		\$98,138	\$109,428
REG	MTC	Transit	GL: FY10 JARC Mobility Management	SystMgmt	REG110028	5			\$974	\$974
REG	MTC	Transit	GL: JARC FY11-FY12 Large UA	Operations	REG110032	8			\$6,091	\$6,091
REG	MTC	Transit	GL: 5307 JARC Set-aside FY13-FY14 Large UA	Operations	REG110039	5			\$6,389	\$6,389
REG	MTC-SAFE	State Highway	Incident Management Program	SystMgmt	REG090044	15	\$18,347		\$17,356	\$35,703
REG	MTC-SAFE	State Highway	FSP and Call Box Program	SystMgmt	REG130003	5			\$18,962	\$18,962
REG	Natl Park Svc	Local Road	Golden Gate Natl Rec. Area Road Rehab	Maint/Rehab	SF-030002	13	\$14,483		\$39,157	\$53,640
REG	Natl Park Svc	Public Lands/Trails	GL: US 206 Recreational Grants	Maint/Rehab	REG110040	3			\$487	\$487
REG	Natl Park Svc	Public Lands/Trails	Golden Gate Natl Rec. Area Non-Motorized Access	Maint/Rehab	SF-050045	9	\$2,712		\$12,977	\$15,689
REG	Natl Park Svc	Transit	Golden Gate Natl Rec. Area Water Transit Planning	SystMgmt	SF-090024	5			\$1,897	\$1,897
REG	Natl Park Svc	Transit	Golden Gate Natl Rec. Area Transit Enhancements	SystMgmt	SF-090027	5	\$1,603		\$1,895	\$3,498
REG	SF County TA	Local Road	eFleet: Carsharing Electrified	Expansion	REG110012	8	\$193		\$2,031	\$2,031
REG	SFMTA	Local Road	Electric Vehicle Taxis	SystMgmt	REG110038	5			\$1,116	\$1,116
REG	Son Co TA	Regional	Regional Dynamic Ridesharing Pilot	SystMgmt	REG110015	7	\$271		\$2,251	\$2,521
REG	WETA	Transit	Ferry Service - Berkeley/Albany	Expansion	MTC050027	16	\$2,615		\$62,666	\$65,281
REG	WETA	Transit	WETA Ferry Expansion Studies	Expansion	MTC050028	6	\$9,280			\$9,280
REG	WETA	Transit	SF Ferry Terminal/Berthing Facilities	Expansion	MTC050029	8	\$2,500		\$108,791	\$111,291
REG	WETA	Transit	Treasure Island Ferry Service	Expansion	REG070003	5			\$1,000	\$1,000
REG	WETA	Transit	WETA: Ferry Channel & Berth Dredging	Maint/Rehab	REG090054	10			\$3,295	\$3,295
REG	WETA	Transit	WETA: Ferry Propulsion System Replacement	Maint/Rehab	REG090055	8			\$24,357	\$24,357
REG	WETA	Transit	WETA: Ferry Major Component Rehab/Replacement	Maint/Rehab	REG090057	12			\$6,512	\$6,512
REG	WETA	Transit	WETA: Fixed Guideway Connectors	Maint/Rehab	REG090067	10			\$6,554	\$6,554
REG	WETA	Transit	Maintenance Barge and Emergency Floats and Ramps	Expansion	REG110001	3	\$1,000		\$14,250	\$15,250
REG	WETA	Transit	WETA: Facilities Rehabilitation	Maint/Rehab	REG110020	5			\$331	\$331
REG	WETA	Transit	WETA: Revenue Vehicle Communication Equipment	Maint/Rehab	REG110021	4			\$182	\$182
VAR	Caltrans	State Highway	GL: Shoulder Imprv - SHOPP Roadside Preservation	Maint/Rehab	VAR130001	4			\$38,092	\$38,092
VAR	Dept Parks&Rec	Public Lands/Trails	GL: Recreational Trails Program	Expansion	VAR130004	3			\$6,686	\$6,686
VAR	MTC	Transit	GL: JARC FY12 Small UA & Rural	Operations	VAR130002	3			\$785	\$785
VAR	MTC	Transit	GL: New Freedom FY12 Small UA & Rural	Operations	VAR130003	2			\$785	\$785
VAR	MTC	Transit	GL: New Freedom FY12 Large UA	Operations	VAR130005	2			\$4,028	\$4,028
Total for Multiple Counties									\$359,903	\$10,223
Total for the Region									\$1,679,997	\$43,607,261
										\$8,411,077
										\$48,645,832

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ALA	AC Transit	Transit	AC Transit: East Bay Bus Rapid Transit	Expansion	ALA150004	1	\$42,247	\$65,703	\$5,576	\$64,460	\$177,986
ALA	AC Transit	Transit	AC Transit: Facilities Upgrade	Maint/Rehab	ALA010034	19	\$13,980	\$999	\$3,705	\$25,337	\$44,020
ALA	AC Transit	Transit	AC Transit: State of Good Repair Program	Maint/Rehab	ALA110008	5	\$1,481			\$5,922	\$7,403
ALA	AC Transit	Transit	AC Transit: Procure (23) 60' Articulated Buses	Maint/Rehab	ALA110091	5	\$5,437	\$0	\$13,317		\$18,754
ALA	AC Transit	Transit	AC Transit: Procure (38) 40-ft Urban Buses	Maint/Rehab	ALA110092	4	\$7,514	\$2,786	\$7,514		\$17,815
ALA	AC Transit	Transit	AC Transit: Replace 16 40' Suburban Buses	Maint/Rehab	ALA110093	7	\$3,969		\$3,969		\$7,937
ALA	AC Transit	Transit	AC Transit: Farebox Replacement	Maint/Rehab	ALA110106	4	\$125		\$2,250	\$9,500	\$11,875
ALA	AC Transit	Transit	AC Transit: Bus Diesel Particulate Filters	Maint/Rehab	ALA110116	3	\$795			\$795	\$1,590
ALA	AC Transit	Transit	AC Transit: Procure (28) 40-ft Urban Buses	Maint/Rehab	ALA110117	4	\$110	\$485	\$2,269	\$11,456	\$14,320
ALA	AC Transit	Transit	AC Transit: Procure (40) 40-ft Urban Buses	Maint/Rehab	ALA110118	4	\$157	\$693	\$3,242	\$16,367	\$20,459
ALA	AC Transit	Transit	AC Transit: Replace 27 40' Urban Buses	Maint/Rehab	ALA110123	3	\$4,724	\$3,590	\$4,724		\$13,037
ALA	AC Transit	Transit	AC Transit: Replace 38 40' Suburban Buses	Maint/Rehab	ALA110124	3			\$19,400		\$19,400
ALA	AC Transit	Transit	AC Transit: Procure (27) 60' Artic Hybrid Buses	Maint/Rehab	ALA110002	5	\$1,365	\$1,178	\$5,040	\$20,000	\$27,582
ALA	AC Transit	Transit	AC Transit: Paratransit Van Replacement	Maint/Rehab	ALA990052	19	\$3,075	\$495		\$13,102	\$16,671
ALA	AC Transit	Transit	AC Transit: Preventive Maintenance Program	Maint/Rehab	ALA991070	29	\$64,897	\$10,967		\$316,574	\$392,438
ALA	AC Transit	Transit	AC Transit: ADA Paratransit Assistance	Operations	ALA990076	25	\$20,628			\$82,510	\$103,138
ALA	AC Transit	Transit	AC Transit: Transit Security Projects	SystMgmt	ALA050064	12	\$2,582		\$21,484	\$10,329	\$34,395
ALA	AC Transit	Transit	AC Transit: Zero Emission Bus Advanced Demo	SystMgmt	ALA070046	13	\$33,058		\$7,810	\$20,975	\$61,843
ALA	AC Transit	Transit	AC Transit: Line 51 Corridor	SystMgmt	ALA110100	4			\$10,516		\$10,516
ALA	AC Transit	Transit	AC Transit: San Leandro BART Imprv	SystMgmt	ALA110105	3			\$2,703	\$1,226	\$3,929
ALA	ACE	Transit	ACE Transit: Spectrum Ridership Growth	SystMgmt	ALA110119	5	\$234			\$1,803	\$2,036
ALA	ACE	Transit	ACE Track Improvements	Maint/Rehab	ALA010056	18	\$3,138		\$5,000	\$7,024	\$15,162
ALA	ACE	Transit	ACE Signal System Rehabilitation	Maint/Rehab	ALA050043	8	\$465		\$2,000	\$2,114	\$4,579
ALA	ACE	Transit	ACE: Rebuild Diesel Locomotives	Maint/Rehab	ALA090060	9	\$191			\$763	\$954
ALA	ACE	Transit	ACE Preventative Maintenance	Maint/Rehab	ALA110099	5	\$531			\$2,671	\$3,202
ALA	ACTC	Local Road	Alameda County SR2S Local	Expansion	ALA110098	3	\$1,300			\$1,300	\$1,300
ALA	ACTC	Local Road	Bikemobile: Bike Repair and Encouragement Vehicle	SystMgmt	ALA110009	5	\$76			\$500	\$576
ALA	ACTC	Local Road	Alameda County Safe Routes to School	SystMgmt	ALA110033	8	\$259			\$8,362	\$8,621
ALA	ACTC	Local Road	Local PDA Planning - Alameda	SystMgmt	ALA110122	6	\$506			\$3,905	\$4,411
ALA	ACTC	State Highway	I-580 (TriValley) Right of Way Preservation	Expansion	ALA050006	10	\$5,000		\$4,700		\$9,700
ALA	ACTC	State Highway	SR 84 Expressway Widening	Expansion	ALA050014	11	\$43,289		\$20,000	\$47,030	\$110,319
ALA	ACTC	State Highway	I-880 North Safety Improvements	Expansion	ALA050019	17	\$10,349	\$10,000	\$79,833	\$1,787	\$101,969
ALA	ACTC	State Highway	I-580 (TriValley) Corridor - WB HOV & Connectors	Expansion	ALA070018	14	\$27,138	\$27,138	\$101,700	\$7,981	\$136,819
ALA	ACTC	State Highway	I-880 SB HOV Lanes - Marina Blvd to Hegenberger	Expansion	ALA070020	19	\$22,200	\$20,486	\$123,869	\$12,735	\$179,290
ALA	ACTC	State Highway	I-580 WB Auxiliary Lane, First to Isabel	Expansion	ALA070042	13	\$13,259		\$94,600	\$8,720	\$116,579
ALA	ACTC	State Highway	I-880/Industrial Parkway West Interchange	Expansion	ALA090025	4	\$1,000				\$1,000
ALA	ACTC	State Highway	I-680 NB HOV/HOT Lane	Expansion	ALA110002	3	\$41,000			\$41,000	\$41,000
ALA	ACTC	State Highway	Route 84 widening, Pigeon Pass to I-680	Expansion	ALA130034	2	\$205,000			\$80,000	\$285,000
ALA	ACTC	State Highway	East-West Connector in Fremont & Union City	Expansion	ALA150001	1	\$80,000				\$80,000
ALA	ACTC	State Highway	I-80 Integrated Corridor Mobility Project	Expansion	ALA978004	13	\$91,171			\$12,000	\$103,171
ALA	ACTC	State Highway	I-580 WB HOT Corridor Project	SystMgmt	ALA070041	10	\$11,958		\$77,654	\$3,243	\$92,855
ALA	ACTC	State Highway	Truck Parking Facilities in North County (Phase I)	SystMgmt	ALA090004	7	\$23,393			\$0	\$23,393
ALA	ACTC	State Highway	Corridor Mobility Program & Adaptive Ramp Metering	SystMgmt	ALA090018	5	\$2,000				\$2,000
ALA	ACTC	State Highway	I-580 Landscaping in the City of San Leandro	SystMgmt	ALA090019	5	\$47,000				\$47,000
ALA	ACTC	State Highway	I-580 Oakland 14th to Ardley Noise Barriers	SystMgmt	ALA110004	4	\$1,600			\$350	\$1,950
ALA	ACTC	State Highway	I-580 Eastbound Express/HOT Lanes	SystMgmt	ALA130031	2	\$17,582	\$5,497		\$8,500	\$31,579
ALA	ACTC	Transit	ALA-Community-Based Transportation Plan Updates	SystMgmt	ALA110107	3	\$119			\$475	\$594
ALA	ACTC/Oak/Ala	State Highway	I-880/Broadway-Jackson Interchange	SystMgmt	ALA070009	7	\$194			\$635	\$829
ALA	Alameda	Local Road	Alameda City Complete Streets	Maint/Rehab	ALA130022	2	\$527			\$1,968	\$2,495
ALA	Alameda	Local Road	City of Alameda - Park St Streetscape	SystMgmt	ALA070022	12	\$547			\$416	\$963
ALA	Alameda	Local Road	Shoreline Dr, Westline Dr and Broadway Bike Lanes	SystMgmt	ALA110085	3					

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ALA	Alameda County	Local Road	Alameda: Vasco Road Safety Improvements	Expansion	ALA030002	20	\$30,397		\$4,750	\$14,005	\$49,152
ALA	Alameda County	Local Road	Estuary Bridges Seismic Retrofit and Repairs	Maint/Rehab	ALA090022	4	\$1,000		\$3,400		\$4,400
ALA	Alameda County	Local Road	Fruitvale Ave Roadway Bridge Retrofit	Maint/Rehab	ALA090023	4	\$2,000				\$2,000
ALA	Alameda County	Local Road	Alameda County: Rural Roads Pavement Rehab	Maint/Rehab	ALA090069	4	\$277			\$2,135	\$2,412
ALA	Alameda County	Local Road	Alameda Co - Central Unincorporated Pavement Rehab	Maint/Rehab	ALA110026	3	\$158			\$1,121	\$1,279
ALA	Alameda County	Local Road	Alameda Co-Various Streets and Roads Preservation	Maint/Rehab	ALA130018	2	\$216			\$1,665	\$1,881
ALA	Alameda County	Local Road	Crow Canyon Safety Improvements	SystMgmt	ALA010003	10	\$2,000		\$500		\$2,500
ALA	Alameda County	Local Road	Cherryland/Ashtland/Castro Valley/Fairview Sidewalk	SystMgmt	ALA050035	22	\$352			\$5,969	\$6,321
ALA	Alameda County	Local Road	Niles Canyon Rd (SR 84)/Pleasant Sunol Rd Inter. Imps	SystMgmt	ALA150002	1	\$2,500				\$2,500
ALA	Alameda County	Local Road	E. 14th St/Mission Blvd Streetscape	SystMgmt	ALA091077	14	\$2,606			\$3,090	\$5,696
ALA	Albany	Local Road	Albany - Buchanan Bicycle and Pedestrian Path	Expansion	ALA110030	3	\$742	\$100		\$1,702	\$2,544
ALA	BART	Transit	BART - Warm Springs Extension	Expansion	ALA050015	9	\$326,214	\$288,999	\$274,787		\$890,000
ALA	BART	Transit	Hayward Shop and Yard Expansion	Expansion	ALA110003	4	\$82,000		\$40,000		\$122,000
ALA	BART	Transit	BART to Livermore Extension - Develop EIR	Expansion	ALA130007	2	\$6,199		\$8,600		\$14,799
ALA	BART	Transit	BART Metro Priority Track Elements	Expansion	ALA130032	3	\$5,041			\$3,459	\$8,500
ALA	BART	Transit	BART Oakland Airport Connector	Expansion	BR1990002	22	\$234,070	\$146,200	\$58,730	\$45,000	\$484,000
ALA	BART	Transit	BART: Fare Collection Equipment	Maint/Rehab	ALA090065	7	\$3,669		\$1,207	\$14,676	\$18,345
ALA	BART	Transit	MacArthur BART Plaza Remodel	Maint/Rehab	ALA090068	9	\$259			\$2,000	\$2,500
ALA	BART	Transit	Enterprise Asset Management	Maint/Rehab	ALA110030	4	\$500			\$1,493	\$1,697
ALA	BART	Transit	BART Train Car Accident Repair	Maint/Rehab	ALA110121	4	\$194			\$1,493	\$1,687
ALA	BART	Transit	BART Station Electronic Bike Lockers, Ph. 2	SystMgmt	ALA070051	7	\$413			\$581	\$581
ALA	BART	Transit	Downtown Berkeley BART Plaza/Transit Area Imps.	SystMgmt	ALA110032	6	\$4,827	\$721		\$5,871	\$11,419
ALA	BART	Transit	Bicycle Lockers at Capitol Corridor Stations	SystMgmt	ALA110115	5				\$581	\$581
ALA	Berkeley	Local Road	Berkeley Bay Trail Extension - Segment One	Expansion	ALA090062	7	\$653			\$1,928	\$2,581
ALA	Berkeley	Local Road	City of Berkeley Transportation Action Plan - TDM	SystMgmt	ALA110007	4	\$260		\$2,260		\$2,520
ALA	Berkeley	Local Road	Shattuck Complete Streets and De-couplet	SystMgmt	ALA130026	2	\$985			\$2,777	\$3,762
ALA	Berkeley	Local Road	Hearst Avenue Complete Streets	SystMgmt	ALA130028	3	\$1,255			\$2,156	\$3,411
ALA	Berkeley	Public Lands/Trails	Bay Trail Shoreline Access Staging Area Project	Expansion	ALA130035	2	\$980		\$660	\$500	\$2,140
ALA	Berkeley	State Highway	I-80 Gilman Interchange Reconfiguration	Expansion	ALA050079	10	\$5,879			\$1,080	\$6,959
ALA	Caltrans	State Highway	I-238 Widening Replacement Planting	Expansion	ALA070060	9			\$4,059		\$4,059
ALA	Caltrans	State Highway	I-580 N. Flynn-Greenville EB Truck Climbing Lane	Expansion	ALA090028	6			\$77,400		\$77,400
ALA	Caltrans	State Highway	I-880/SR 262 I/C and HOV lanes	Expansion	ALA978027	26	\$85,438		\$35,054	\$10,812	\$131,304
ALA	Caltrans	State Highway	I-680 Sunol Grade Southbound HOV Lanes - SCL Final	Expansion	SCL991077	11			\$8,308		\$8,308
ALA	Caltrans	State Highway	Reconst I-880/SR92 Inter - Repl Planting & Irrigat	Maint/Rehab	ALA130029	2				\$1,260	\$1,260
ALA	Caltrans	Transit	Environmental Study for ACE Alignment	Expansion	ALA110086	3				\$300	\$300
ALA	Dublin	Local Road	Alamo Canal Regional Trail I-580 Undercrossing	Expansion	ALA090066	7	\$1,630			\$1,021	\$2,651
ALA	Dublin	Local Road	West Dublin BART Golden Gate Drive Streetscape	Expansion	ALA110034	4	\$558		\$680	\$647	\$1,886
ALA	Dublin	Local Road	Dougherty Road widening	Expansion	ALA130005	2	\$18,860				\$18,860
ALA	Dublin	Local Road	Dublin Boulevard widening	Expansion	ALA130006	2	\$4,200				\$4,200
ALA	Dublin	Local Road	Dublin Blvd - North Canyons Pkwy Ext. Study	Expansion	ALA150003	1	\$350				\$350
ALA	Dublin	Local Road	Dublin Citywide Street Resurfacing	Maint/Rehab	ALA110024	3	\$125			\$547	\$672
ALA	Dublin	Local Road	Dublin Boulevard Preservation	Maint/Rehab	ALA130012	2	\$259			\$470	\$729
ALA	EB Reg Park Dis	Public Lands/Trails	East Bay Parks Green Transportation Initiative	Expansion	ALA110011	5	\$7,610			\$10,200	\$17,810
ALA	Emeryville	Local Road	Emeryville - Hollis Street Preservation	Maint/Rehab	ALA130021	2	\$612			\$100	\$712
ALA	Fremont	Local Road	Widen Kato Rd from Warren Avenue to Milmont Drive	Expansion	ALA130001	2	\$12,690				\$12,690
ALA	Fremont	Local Road	Fremont City Center Multi-Modal Improvements	Expansion	ALA130025	2	\$8,487			\$5,855	\$14,342
ALA	Fremont	Local Road	Fremont Various Streets and Roads Preservation	Maint/Rehab	ALA130020	2	\$1,807			\$2,105	\$3,912
ALA	Fremont	Local Road	Fremont CBD/Midtown Streetscape	SystMgmt	ALA110012	6	\$501			\$1,600	\$2,101
ALA	Fremont	Local Road	Walnut Argonaut Lane Reduction & Roundabout	SystMgmt	ALA110045	3	\$67			\$585	\$652
ALA	Hayward	Local Road	Route 238 Corridor Improvement	Expansion	ALA977007	11	\$100,500				\$100,500
ALA	Hayward	Local Road	Hayward - Industrial Boulevard Preservation	Maint/Rehab	ALA130013	2	\$174			\$1,335	\$1,509
ALA	Hayward	Local Road	South Hayward BART Area/Dixon Street Streetscape	SystMgmt	ALA110035	6	\$515			\$1,800	\$2,315

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ALA	Hayward	State Highway	Rt 92/Clawiter/Whitesell Interchange Improvements	Expansion	ALA090016	4	\$55,000				\$55,000
ALA	Hayward	State Highway	I-880 Auxiliary lanes at Industrial Parkway	Expansion	ALA090020	6	\$9,800				\$9,800
ALA	Hayward	State Highway	I-880 NB and SB Auxiliary lanes	Expansion	ALA090021	5	\$23,190				\$23,190
ALA	LAVTA	Transit	LAVTA - Preventive Maintenance	Maint/Rehab	ALA030030	16	\$4,600			\$7,092	\$11,692
ALA	LAVTA	Transit	LAVTA Rideo Bus Restoration	Maint/Rehab	ALA110005	4				\$200	\$200
ALA	LAVTA	Transit	LAVTA - East Bay Radio Communication System Hookup	Maint/Rehab	ALA110095	3	\$128			\$512	\$640
ALA	LAVTA	Transit	LAVTA: ADA Paratransit Operating Subsidy	Operations	ALA990077	19	\$1,236			\$4,043	\$5,279
ALA	Livermore	Local Road	Livermore Various Streets Preservation	Maint/Rehab	ALA130010	2	\$313			\$1,053	\$1,366
ALA	Livermore	Local Road	Livermore TOD Study at I-580/SR84	SystMgmt	ALA110120	5	\$359			\$286	\$645
ALA	Livermore	Transit	Livermore Relocation and Restoration of R/R Depot	Maint/Rehab	ALA130011	3	\$625			\$2,500	\$3,125
ALA	MTC	Local Road	SFOBB Gateway Park	Expansion	ALA110104	4	\$6,000	\$10,500		\$0	\$16,500
ALA	MTC	Local Road	Improved Bike/Ped Access to East Span of SFOBB	Expansion	ALA130030	3		\$6,500		\$30,000	\$36,500
ALA	MTC	Local Road	Regional Planning Activities and PPM - Alameda	SystMgmt	ALA090030	14	\$1,254		\$4,419	\$15,924	\$21,597
ALA	Newark	Local Road	Newark - Cedar Blvd and Jarvis Ave Pavement Rehab	Maint/Rehab	ALA110016	3	\$118			\$682	\$800
ALA	Newark	Local Road	Central Avenue Railroad Overpass at UPRR	SystMgmt	ALA010052	11	\$18,514			\$567	\$19,081
ALA	Newark	Local Road	Enterprise Drive Complete Streets and Road Diet	SystMgmt	ALA130027	2	\$308			\$454	\$760
ALA	Oakland	Local Road	Oakland Waterfront Bay Trail	Expansion	ALA070039	7	\$56,593		\$1,664	\$1,542	\$59,799
ALA	Oakland	Local Road	Oakland Bay Trail to Lake Merritt Bike/Ped Bridge	Expansion	ALA130003	2	\$2,000				\$2,000
ALA	Oakland	Local Road	Oakland 19th Street Uptown Bike Station	Expansion	ALA130004	2	\$75	\$531			\$606
ALA	Oakland	Local Road	Various Streets Resurfacing and Bikeway Facilities	Expansion	ALA991081	13	\$10,536		\$6,990		\$17,526
ALA	Oakland	Local Road	Oakland Complete Streets	Maint/Rehab	ALA110006	4	\$771			\$4,052	\$4,823
ALA	Oakland	Local Road	Lake Merritt Improvement Project	Maint/Rehab	ALA130016	3	\$500			\$3,851	\$4,351
ALA	Oakland	Local Road	7th Street West Oakland Transit Village, Phase II	SystMgmt	ALA110072	4				\$828	\$828
ALA	Oakland	Local Road	Lake Merritt BART Bikeways	SystMgmt	ALA130014	2	\$808			\$3,288	\$4,096
ALA	Oakland	Local Road	Lakeside Complete Streets and Road Diet	SystMgmt	ALA130015	4	\$2,218			\$571	\$2,789
ALA	Oakland	Local Road	Oakland - Peralta and MLK Blvd Streetscape Phase I	SystMgmt	ALA130017	2	\$1,167			\$5,452	\$6,639
ALA	Oakland	Port/Freight Rail	Oakland Army Base Infrastructure Improvements	SystMgmt	ALA130024	3	\$4,505			\$9,200	\$13,705
ALA	Piedmont	Local Road	Piedmont Complete Streets (CS)	Expansion	ALA110046	3	\$36,939		\$176,341	\$2,000	\$215,280
ALA	Pleasanton	Local Road	Pleasanton - Foothill/I-580 IC Bike/Ped Facilities	Maint/Rehab	ALA130019	2	\$431			\$129	\$560
ALA	Pleasanton	Local Road	Pleasanton Complete Streets	Expansion	ALA110031	5	\$295			\$709	\$1,004
ALA	Pleasanton	State Highway	I-680/Bernal Avenue interchange improvements	Maint/Rehab	ALA130009	2	\$238			\$832	\$1,070
ALA	Pleasanton	State Highway	I-580 / Foothill Road interchange improvements	Expansion	ALA090010	4	\$4,000				\$4,000
ALA	Port of Oakland	Local Road	7th Street Grade Separation and Roadway Improvement	Expansion	ALA090013	4	\$3,750				\$3,750
ALA	Port of Oakland	Port/Freight Rail	California Inter-regional Rail Intermodal Study	Expansion	ALA090027	5	\$220,504		\$0		\$220,504
ALA	Port of Oakland	Port/Freight Rail	Outer Harbor Intermodal Terminals (OHT)	Expansion	ALA070054	7				\$984	\$984
ALA	Port of Oakland	Port/Freight Rail	Shore Power Initiative	Expansion	ALA090026	5	\$25,200		\$65,800	\$15,000	\$106,000
ALA	San Leandro	Local Road	SR 185 - E. 14th St/Hesperian Blvd/150th Ave	SystMgmt	ALA110010	4	\$10,243			\$3,000	\$13,243
ALA	San Leandro	Local Road	San Leandro Boulevard Preservation	Expansion	ALA050002	7	\$3,400				\$3,400
ALA	San Leandro	Local Road	I-880/SR 112 Overcrossing Replacement	Maint/Rehab	ALA130008	3	\$743			\$804	\$1,547
ALA	San Leandro	State Highway	I-880/Marina Blvd Interchange and Overcrossing Rep	SystMgmt	ALA110027	3	\$1,604			\$4,610	\$6,214
ALA	San Leandro	State Highway	Union City Transit: Replace Two 35' Buses	Expansion	ALA070014	10	\$4,650			\$939	\$5,589
ALA	Union C Transit	Transit	Union City: Replacement of Four (4) Transit Buses	Expansion	ALA090012	5	\$25,900			\$25,900	\$25,900
ALA	Union C Transit	Transit	Union City: Replacement of Two (2) Transit Buses	Maint/Rehab	ALA090031	6	\$5			\$17	\$22
ALA	Union C Transit	Transit	Union City: Replacement of Two (2) Transit Buses	Maint/Rehab	ALA090061	4	\$416			\$1,658	\$2,074
ALA	Union C Transit	Transit	Union City: Replacement of Two (2) Transit Buses	Maint/Rehab	ALA110114	3	\$238			\$953	\$1,191
ALA	Union City	Local Road	Union City: Replacement of Two (2) Transit Buses	Maint/Rehab	ALA130033	2	\$736			\$736	\$736
ALA	Union City	Local Road	Whipple Road Pavement Rehabilitation	Expansion	ALA110028	3	\$1,000			\$860	\$1,860
ALA	Union City	Transit	Union City Intermodal Station Infrastructure	Maint/Rehab	ALA130023	2	\$92			\$669	\$761
ALA	Union City	Transit	Union City Intermodal Station Infrastructure	Expansion	ALA090015	6	\$5,730		\$6,688	\$10,602	\$23,020

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ALA	Union City	Transit	Union City Intermodal Station Infrastructure	Expansion	ALA990015	28	\$22,558		\$18,164	\$20,555	\$61,276
ALA	Union City	Transit	Union City BART East Plaza Enhancements	SystMgmt	ALA110036	3	\$3,160			\$6,360	\$9,520
ALA	WETA	Transit	Central Bay Operations and Maintenance Facility	Expansion	ALA110001	8			\$30,675	\$7,500	\$38,175
Totals for Alameda County							\$2,476,638	\$602,845	\$1,441,957	\$1,066,785	\$5,588,225

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CC	AC Transit	Transit	AC Transit: Richmond Pkwy Transit Center	Expansion	CC-030001	13	\$2,800	\$16,000	\$0		\$18,800
CC	Antioch	Local Road	Antioch - Wilbur Ave Bridge Widening	Expansion	CC-050002	15	\$1,740		\$103	\$13,377	\$15,220
CC	Antioch	Local Road	Somersville Road Widening	Expansion	CC-070004	6	\$10,700				\$10,700
CC	Antioch	Local Road	Hillcrest Ave Extension	Expansion	CC-070005	5	\$2,350				\$2,350
CC	Antioch	Local Road	Sand Creek Road Extension	Expansion	CC-070006	5	\$2,350				\$2,350
CC	Antioch	Local Road	Antioch - Empire Road Widening	Expansion	CC-070007	5	\$1,500				\$1,500
CC	Antioch	Local Road	Laurel Road Extension	Expansion	CC-070008	6	\$5,950				\$5,950
CC	Antioch	Local Road	Slatten Ranch Road Extension - Lone Tree to Laurel	Expansion	CC-070009	5	\$1,350				\$1,350
CC	Antioch	Local Road	Antioch - Wild Horse Road Extension	Expansion	CC-070010	5	\$2,205				\$2,205
CC	Antioch	Local Road	Fitzuren Road Widening & Realignment	Expansion	CC-090011	4	\$10,000				\$10,000
CC	Antioch	Local Road	Antioch Ninth Street Preservation	Maint/Rehab	CC-130019	4	\$907			\$673	\$1,580
CC	Antioch	Local Road	Antioch - SRTS Pedestrian Improvements	SystMgmt	CC-130022	3	\$190			\$330	\$520
CC	BAIFA	Tollway	I-680 Express Lane: Alcosta to Livornal/Rudgear	SystMgmt	CC-130043	2		\$47,800			\$47,800
CC	BART	Local Road	Richmond Transit Village Transit & Ped Imps	Expansion	CC-010021	13	\$285			\$866	\$1,150
CC	BART	Transit	E-BART - East Contra Costa Rail Extension	Expansion	CC-050025	9	\$142,000	\$148,000	\$156,911	\$13,000	\$459,911
CC	BART	Transit	eBART Railroad Avenue Station	Expansion	CC-130002	2	\$18,000	\$500			\$18,500
CC	BART	Transit	BART Community Information Wayfinding	SystMgmt	CC-090063	6	\$650			\$900	\$1,550
CC	BART	Transit	Walnut Creek BART TOD Access Improvements	SystMgmt	CC-110082	4	\$3,850			\$5,300	\$9,150
CC	BART	Transit	Richmond BART Station Intermodal Improvements	SystMgmt	CC-130014	2	\$686		\$745	\$2,900	\$4,331
CC	BART	Transit	BART Station Modernization Program	SystMgmt	CC-130048	2		\$6,750		\$13,000	\$19,750
CC	Brentwood	Local Road	SR4/Brentwood Boulevard Widening - North (Phase I)	Expansion	CC-070011	6	\$6,683				\$6,683
CC	Brentwood	Local Road	SR4 (Brentwood Boulevard) Widening (South)	Expansion	CC-070012	7	\$4,653				\$4,653
CC	Brentwood	Local Road	Lone Tree Way Undercrossing	Expansion	CC-070013	6	\$18,753				\$18,753
CC	Brentwood	Local Road	Lone Tree Way Widening	Expansion	CC-070014	6	\$15,515				\$15,515
CC	Brentwood	Local Road	Central Blvd Widening (Phase II)	Expansion	CC-070015	6	\$4,785				\$4,785
CC	Brentwood	Local Road	John Muir Parkway Extension (Phase I)	Expansion	CC-070017	8	\$5,389				\$5,389
CC	Brentwood	Local Road	John Muir Parkway Extension: Ph. II	Expansion	CC-070078	8	\$6,261			\$735	\$6,996
CC	Brentwood	Local Road	Brentwood Blvd North Widening - Phases II & III	Expansion	CC-090021	4	\$12,025			\$432	\$12,457
CC	Brentwood	Local Road	Brentwood Area Schools Bike/Ped Access Imps	Expansion	CC-110052	7	\$61			\$823	\$884
CC	Brentwood	Local Road	Brentwood 2012 Pavement Management Program	Maint/Rehab	CC-110009	3	\$519			\$290	\$809
CC	Brentwood	Local Road	Balfour Road Preservation	Expansion	CC-130018	3	\$219		\$10,880	\$6,330	\$17,429
CC	Caltrans	Port/Freight Rail	Richmond Rail Connector	Expansion	CC-090032	10	\$5,440				\$5,440
CC	Caltrans	State Highway	SR 24 - Caldecott Tunnel 4th Bore	Expansion	CC-010002	20	\$124,054	\$50,000	\$48,343	\$197,949	\$420,346
CC	Caltrans	Transit	Double rail track btw Oakley & Port Chicago	Expansion	CC-090010	5	\$1,621		\$26,450		\$28,071
CC	CC County	Local Road	Pacheco Blvd Widening and Realignment	Expansion	CC-070018	5	\$16,170				\$16,170
CC	CC County	Local Road	Kirker Pass Road NB Truck Climbing Lanes	Expansion	CC-070075	6	\$10,350			\$2,650	\$13,000
CC	CC County	Local Road	Byron Hwy Extension	Expansion	CC-070079	5	\$9,900				\$9,900
CC	CC County	Local Road	Byron Highway - Vasco Road Connection	Expansion	CC-070081	5	\$4,650				\$4,650
CC	CC County	Local Road	North Richmond Truck Route Extension	Expansion	CC-090003	4	\$19,900				\$19,900
CC	CC County	Local Road	Contra Costa Co. Camino Tassajara Realignment	Expansion	CC-090022	4	\$14,300				\$14,300
CC	CC County	Local Road	Dougherty Road widening	Expansion	CC-090024	4	\$33,600		\$450	\$1,000	\$35,050
CC	CC County	Local Road	Canal Road Bicycle and Pedestrian Facilities	Expansion	CC-110084	3	\$396				\$396
CC	CC County	Local Road	Bailey Road Bike and Pedestrian Improvements	Expansion	CC-130003	2	\$12,760				\$12,760
CC	CC County	Local Road	Port Chicago Hwy/Willow Pass Rd Bike Ped Upgrades	Expansion	CC-130027	2	\$1,355			\$442	\$1,797
CC	CC County	Local Road	Contra Costa County Various Streets & Road Preserv	Maint/Rehab	CC-130004	2	\$1,487			\$1,941	\$3,428
CC	CC County	Local Road	Contra Costa County Vasco Road Safety Improvements	SystMgmt	CC-050030	15	\$21,754			\$11,775	\$33,529
CC	CC County	Local Road	Bailey Road-State Route 4 Interchange	SystMgmt	CC-130001	2	\$7,320				\$7,320
CC	CC County	Local Road	West Contra Costa SRTS Non-Infrastructure Program	SystMgmt	CC-130034	2				\$710	\$710
CC	CCCTA	Transit	Pacheco Transit Hub	Expansion	CC-050010	8	\$824	\$1,182	\$800		\$2,806
CC	CCCTA	Transit	CCCTA: Preventive Maintenance Program	Maint/Rehab	CC-030034	14	\$3,868	\$103		\$15,578	\$19,549
CC	CCCTA	Transit	CCCTA - Replace 10 40' buses - Hybrid	Maint/Rehab	CC-110061	3	\$1,407			\$5,627	\$7,034
CC	CCCTA	Transit	CCCTA: Replace 4 LINK Vans	Maint/Rehab	CC-110062	3	\$93			\$372	\$465

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CC	CCCTA	Transit	CCCTA: Replace 4 Minivans	Maint/Rehab	CC-110063	3	\$43			\$174	\$217
CC	CCCTA	Transit	CCCTA: Maintenance Facility Rehabilitation	Maint/Rehab	CC-110064	3			\$120	\$480	\$600
CC	CCCTA	Transit	CCCTA: Inventory Asset Management System	Maint/Rehab	CC-110065	3			\$75	\$300	\$375
CC	CCCTA	Transit	Replace Diesel Trolleys with Electric TrolleyBuses	Maint/Rehab	CC-110083	3	\$1,080			\$4,320	\$5,400
CC	CCCTA	Transit	CCCTA: Replace 7 30' Buses	Maint/Rehab	CC-110095	5	\$710			\$2,840	\$3,550
CC	CCCTA	Transit	CCCTA - Replace 6 22' Paratransit Vans	Maint/Rehab	CC-110096	3	\$100			\$402	\$502
CC	CCCTA	Transit	CCCTA - Replace 4 Paratransit Minivans	Maint/Rehab	CC-110097	3	\$45			\$180	\$225
CC	CCCTA	Transit	CCCTA - Purchase and Install 40 Elec. Cooling Fans	Maint/Rehab	CC-110098	3	\$200			\$600	\$800
CC	CCCTA	Transit	CCCTA - Replace 15 40' Buses	Maint/Rehab	CC-110099	3	\$1,645			\$6,579	\$8,223
CC	CCCTA	Transit	CCCTA - Replace 18 40' Buses	Maint/Rehab	CC-110100	6	\$2,299			\$9,197	\$11,496
CC	CCCTA	Transit	CCCTA: ADA Paratransit Assistance	Operations	CC-991001	18	\$2,388			\$9,508	\$11,897
CC	CCCTA	Transit	511 Real-Time Interface Project	SysMgmt	CC-130044	2	\$14			\$100	\$114
CC	CCCTA	Transit	CCCTA: Access Improvements Implementation	SysMgmt	CC-130045	2	\$25			\$180	\$205
CC	CCCTA	Local Road	Mokelumne Trail Bike/Ped Overcrossing	Expansion	CC-070067	7	\$6,100			\$2,745	\$6,100
CC	CCCTA	Local Road	Local PDA Planning - Contra Costa	SysMgmt	CC-110101	5	\$356			\$3,101	\$3,101
CC	CCCTA	State Highway	I-680/SR 4 I/C Reconstruction - Phases 1, 2, 4 & 5	Expansion	CC-010023	13	\$369,316	\$0		\$369,316	\$369,316
CC	CCCTA	State Highway	I-680 Auxiliary Lanes	Expansion	CC-030005	11	\$10,305		\$1,000	\$22,696	\$34,001
CC	CCCTA	State Highway	SR 4 East Widening from Somersville to SR 160	Expansion	CC-030028	15	\$174,149	\$26,900	\$181,110	\$2,643	\$384,802
CC	CCCTA	State Highway	I-680 SB HOV Lane Completion	Expansion	CC-050028	11	\$55,900	\$13,185		\$15,557	\$84,642
CC	CCCTA	State Highway	I-680 NB HOV Lane Extension	Expansion	CC-070022	7	\$48,000			\$48,000	\$48,000
CC	CCCTA	State Highway	Reconstruct I-80/San Pablo Dam Rd Interchange	Expansion	CC-070035	9	\$81,800	\$8,000		\$24,200	\$114,000
CC	CCCTA	State Highway	SR4 Bypass: Laurel Rd to Sand Creek	Expansion	CC-070049	8	\$3,600		\$13,000		\$16,600
CC	CCCTA	State Highway	SR4: Balfour Road Interchange	Expansion	CC-070053	6	\$46,400			\$46,400	\$46,400
CC	CCCTA	State Highway	SR4/SR160 Interchange and Connectors	Expansion	CC-070054	6	\$100	\$50,000		\$50,100	\$50,100
CC	CCCTA	State Highway	SR4 Bypass: Sand Creek Interchange	Expansion	CC-070057	7	\$4,800		\$20,000		\$24,800
CC	CCCTA	State Highway	SR 239 - New State Highway Study	Expansion	CC-110066	4	\$16,338			\$12,906	\$29,244
CC	CCCTA	State Highway	I-680 / SR 4 Interchange Reconstruction - Phase 3	Expansion	CC-130046	3	\$18,920		\$1,310	\$35,800	\$56,030
CC	CCCTA	State Highway	Interstate 80 Corridor Real Time Rideshare	SysMgmt	CC-130035	2	\$81			\$322	\$403
CC	Clayton	Local Road	Clayton Various Streets Preservation	Maint/Rehab	CC-130030	3	\$91			\$386	\$477
CC	Concord	Local Road	Commerce Avenue Extension	Expansion	CC-070026	7	\$6,990			\$1,510	\$8,500
CC	Concord	Local Road	Waterworld Parkway Extension and New Bridge	Expansion	CC-070027	7	\$12,500			\$820	\$12,500
CC	Concord	Local Road	Concord Blvd. Gap Closure, Phase 2	Expansion	CC-070030	6	\$400			\$1,220	\$1,220
CC	Concord	Local Road	Ygnacio Valley/Kirker Pass Roads Widening	Expansion	CC-090026	5	\$12,000			\$1,474	\$12,000
CC	Concord	Local Road	Monument Corridor Pedestrian and Bikeway Network I	Expansion	CC-090067	8	\$350			\$486	\$668
CC	Concord	Local Road	Concord Monument Corridor Shared Use Trail	Expansion	CC-110019	5	\$182			\$1,195	\$1,371
CC	Concord	Local Road	Concord BART Station Bike/Ped Access Improvements	Expansion	CC-130006	3	\$176			\$2,154	\$2,434
CC	Concord	Local Road	Detroit Avenue Bicycle and Pedestrian Improvements	Expansion	CC-130011	4	\$280			\$2,147	\$2,687
CC	Concord	Local Road	Concord Blvd Pavement Rehabilitation	Maint/Rehab	CC-110010	3	\$540			\$1,104	\$1,644
CC	Concord	Local Road	Concord Various Street Preservation	Maint/Rehab	CC-130012	3	\$347			\$757	\$1,104
CC	Concord	Local Road	Concord Clayton Road/Treat Blvd Intersection Imps.	SysMgmt	CC-090023	5	\$2,680			\$505	\$2,680
CC	Concord	Local Road	Ped/Bike Traffic Signal at Oak Grove Rd/Sierra Rd	SysMgmt	CC-130013	2	\$65			\$570	\$570
CC	Concord	State Highway	SR 242 / Clayton Road Interchange Improvements	Expansion	CC-070024	7	\$34,720			\$34,720	\$34,720
CC	Concord	State Highway	SR4/Willow Pass Interchange Improvements	Expansion	CC-070025	5	\$33,000			\$33,000	\$33,000
CC	Danville	Local Road	Vista Grande Street Pedestrian Improvements/SR2S	Expansion	CC-130038	3	\$41			\$157	\$198
CC	Danville	Local Road	Crow Canyon/Camino Tassajara Intersection Imps	Maint/Rehab	CC-050075	12	\$841			\$5,289	\$6,130
CC	Danville	Local Road	Diablo Road Imps. - Green Valley to Avenida Neuva	Maint/Rehab	CC-090001	4	\$4,160			\$933	\$4,160
CC	Danville	Local Road	Danville Various Streets and Roads Preservation	Maint/Rehab	CC-130023	2	\$122			\$365	\$1,055
CC	Danville	Local Road	San Ramon Valley Street Smarts SR2S Program	SysMgmt	CC-110050	3	\$48			\$8,000	\$4,130
CC	Danville	Transit	San Ramon Valley Bus Program	Operations	CC-090004	4	\$8,000			\$2,152	\$8,000
CC	EB Reg Park Dis	Local Road	Atlas Road - New Bridge and Roadway Extension	Expansion	CC-070063	6	\$2,152			\$998	\$2,152
CC	EB Reg Park Dis	Public Lands/Trails	Breuner Marsh Restoration and Public Access	Expansion	CC-130049	3	\$3,366		\$1,581	\$5,945	\$5,945
CC	EB Reg Park Dis	Public Lands/Trails	SF Bay Trail, Pinole Shores to Bay Front Park	Expansion	CC-130050	2	\$3,310			\$120	\$3,430

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CC	EB Reg Park Dis	Public Lands/Trails	Conta Costa Parks Bike/Ped Trail Improvements	Maint/Rehab	CC-070033	9	\$231			\$720	\$951
CC	ECCTA	Transit	ECCTA: Preventive Maintenance Program	Maint/Rehab	CC-030037	14	\$674	\$84		\$2,681	\$3,439
CC	ECCTA	Transit	ECCTA: Transit Bus Replacements	Maint/Rehab	CC-070092	14	\$7,306		\$2,156	\$30,379	\$39,842
CC	ECCTA	Transit	Tri-Delta: ADA Operating Assistance	Operations	CC-030035	13	\$1,269			\$5,074	\$6,343
CC	El Cerrito	Local Road	Mooser & Ashbury Ped/Bike Corridor Improvements	Expansion	CC-090086	7	\$118			\$977	\$1,095
CC	El Cerrito	Local Road	El Cerrito Various Streets and Roads Preservation	Maint/Rehab	CC-130021	2	\$311			\$630	\$941
CC	El Cerrito	Local Road	Del Norte Area TOD Bike/Ped/Transit Access Imps	SystMgmt	CC-070046	8	\$7,375			\$7,375	\$7,375
CC	El Cerrito	Local Road	San Pablo Avenue Streetscape	SystMgmt	CC-070074	11	\$2,210			\$2,306	\$4,516
CC	El Cerrito	Local Road	El Cerrito Central Ave & Liberty St Streetscape Imp	SystMgmt	CC-110005	4	\$370			\$816	\$1,186
CC	El Cerrito	Public Lands/Trails	El Cerrito Ohlone Greenway Bike/Ped Improvements	Expansion	CC-130024	2	\$451			\$3,468	\$3,919
CC	Hercules	Local Road	Refugio Bridge - Bike, Ped & Vehicle Connectivity	Expansion	CC-070086	5	\$8,741				\$8,741
CC	Hercules	Local Road	Central Hercules Arterial Improvements	Expansion	CC-090008	4	\$2,736				\$2,736
CC	Hercules	Local Road	Hercules (Bic-Rad) Bay Trail	Expansion	CC-090065	5	\$990		\$198		\$4,612
CC	Hercules	Local Road	Hercules-Refugio Valley Road Pavement Preservation	Maint/Rehab	CC-130040	2	\$172			\$702	\$874
CC	Hercules	State Highway	SR4/Willow Avenue Ramps	SystMgmt	CC-070051	6	\$21,016				\$21,016
CC	Hercules	Transit	Hercules Intercity Rail Station - Phase 1	Expansion	CC-030002	15	\$11,062		\$11,000	\$2,804	\$24,866
CC	Hercules	Transit	Construct Phase 2 of Hercules Intermodal Station	Expansion	CC-090009	6	\$42,290			\$5,100	\$47,390
CC	Lafayette	Local Road	Happy Valley Rd. Walkway SRTS Improvements	Expansion	CC-130010	4	\$29			\$100	\$129
CC	Lafayette	Local Road	Mt. Diablo Blvd West End Preservation	Maint/Rehab	CC-130009	2	\$76			\$584	\$660
CC	Lafayette	Local Road	Lafayette Downtown Bike/Ped Imp & Streetscape	SystMgmt	CC-110006	6	\$611			\$1,690	\$2,301
CC	Martinez	Local Road	Martinez - Court Street Overcrossing, Phase 1	Expansion	CC-090005	5	\$9,700				\$9,700
CC	Martinez	Local Road	Martinez Various Streets and Roads Preservation	Maint/Rehab	CC-130025	3	\$262			\$1,023	\$1,285
CC	Martinez	State Highway	I-680/Marina Vista IJC Improvements	Expansion	CC-070038	6	\$7,896				\$7,896
CC	Martinez	Transit	Martinez Intermodal Station Parking Expansion	Expansion	CC-030004	7	\$14,500		\$5,500		\$20,000
CC	Moraga	Local Road	Moraga Rd SRTS Bicycle and Ped Improvements	Expansion	CC-130037	2	\$27			\$100	\$127
CC	Moraga	Local Road	Moraga Various Streets and Roads Preservation	Maint/Rehab	CC-130020	2	\$92			\$709	\$801
CC	Moraga	Local Road	Moraga Way Streetscape	SystMgmt	CC-110055	4	\$640				\$640
CC	MTC	Local Road	Regional Planning Activities and PPM - CC County	SystMgmt	CC-090035	14	\$860		\$1,987	\$10,328	\$13,175
CC	Oakley	Local Road	Main Street Widening	Expansion	CC-090015	4	\$12,630				\$12,630
CC	Oakley	Local Road	Oakley Various Streets and Roads Preservation	Maint/Rehab	CC-130031	2	\$134			\$1,031	\$1,165
CC	Oakley	Local Road	Main Street (Previously SR4) Realignment in Oakley	SystMgmt	CC-070065	7	\$420			\$1,461	\$1,881
CC	Orinda	Local Road	Moraga Way Pedestrian Pathway	Expansion	CC-110048	3	\$92			\$166	\$258
CC	Orinda	Local Road	Orinda SRTS Sidewalk Project	Expansion	CC-130036	3	\$25			\$100	\$125
CC	Orinda	Local Road	Iw Drive Pavement Rehabilitation	Maint/Rehab	CC-130042	2	\$72			\$552	\$624
CC	Pinole	Local Road	Pinole - San Pablo Avenue Preservation	Maint/Rehab	CC-130015	3	\$352			\$453	\$805
CC	Pinole	State Highway	Widen Pinole Valley Road ramps at I-80	Expansion	CC-090017	4	\$787				\$787
CC	Pittsburg	Local Road	California Avenue Widening	Expansion	CC-070041	5	\$13,400				\$13,400
CC	Pittsburg	Local Road	West Leland Extension, Phase II	Expansion	CC-070043	5	\$11,600				\$11,600
CC	Pittsburg	Local Road	Pittsburg-Antioch Highway Widening	Expansion	CC-070044	5	\$4,990				\$4,990
CC	Pittsburg	Local Road	James Donlon Extension (Buchanan Rd Bypass)	Expansion	CC-070045	5	\$33,500				\$33,500
CC	Pittsburg	Local Road	Pittsburg N. Parkside Dr. Bike Lanes and Sidewalks	Expansion	CC-110017	3	\$251			\$900	\$1,151
CC	Pittsburg	Local Road	Pittsburg Railroad Avenue Pavement Rehab	Maint/Rehab	CC-110012	3	\$382			\$848	\$1,230
CC	Pittsburg	Local Road	Pittsburg - Railroad Avenue Preservation	Maint/Rehab	CC-130016	3	\$39			\$299	\$338
CC	Pittsburg	Local Road	Bailey Road Transit Access Improvements	SystMgmt	CC-070084	7	\$1,209			\$989	\$2,198
CC	Pittsburg	Local Road	Pittsburg School Area Safety Improvements	SystMgmt	CC-130017	4	\$27				\$27
CC	Pittsburg	Transit	Pittsburg Multimodal Transit Station Access Imps.	Expansion	CC-130039	3	\$214			\$1,300	\$1,514
CC	Pleasant Hill	Local Road	Pleasant Hill - Buskirk Avenue Widening	Expansion	CC-090002	4	\$11,000				\$11,000
CC	Pleasant Hill	Local Road	Lisa Lane Sidewalk Project	Expansion	CC-110051	4	\$127			\$594	\$721
CC	Pleasant Hill	Local Road	Boyd Road/Elinora Drive SRTS Sidewalk Installation	Expansion	CC-130029	4	\$180			\$395	\$575
CC	Pleasant Hill	Local Road	Central-East County SR2S Program	SystMgmt	CC-110049	3	\$94			\$725	\$819
CC	Pleasant Hill	Local Road	Golf Club Rd Roundabout and Bike/Ped Improvements	SystMgmt	CC-130005	2	\$744			\$4,770	\$5,514
CC	Pleasant Hill	Local Road	Pleasant Hill - Contra Costa Blvd. Preservation	SystMgmt	CC-130007	2	\$463			\$799	\$1,262

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CC	Richmond	Local Road	Griffin Drive Railroad At-Grade Crossing	Expansion	CC-070047	7	\$2,500				\$2,500
CC	Richmond	Local Road	Marina Bay Parkway Grade Separation	Expansion	CC-090018	4	\$17,950		\$18,975		\$36,925
CC	Richmond	Local Road	Richmond Barrett Avenue Bicycle Lanes	Expansion	CC-110018	3	\$89	\$75		\$600	\$764
CC	Richmond	Local Road	37th Street Bicycle & Pedestrian Improvements	Expansion	CC-130047	2	\$87			\$287	\$374
CC	Richmond	Local Road	Dornan Drive/Garrard Blvd Tunnel Rehabilitation	Maint/Rehab	CC-030011	13	\$838			\$971	\$1,609
CC	Richmond	Local Road	Richmond Local Streets and Roads Preservation	Maint/Rehab	CC-130026	2	\$693			\$3,030	\$3,723
CC	Richmond	Local Road	Richmond Transit Village: Nevin Imps BART-19th	SystMgmt	CC-110007	6	\$1,205			\$1,217	\$2,422
CC	Richmond	Local Road	Richmond Transit Village: Nevin Imps 19th-27th	SystMgmt	CC-110016	6	\$2,660	\$1,262		\$3,154	\$7,076
CC	Richmond	Local Road	SR2S - Nystrom, Coronado, Highland, Wilson & Wash.	SystMgmt	CC-110031	3	\$235			\$741	\$976
CC	Richmond	Local Road	Easy Go Richmond	SystMgmt	CC-110102	3	\$51			\$203	\$254
CC	Richmond	State Highway	I-80/Central Avenue Interchange Modification	Expansion	CC-050076	9	\$16,075			\$4,944	\$21,019
CC	San Pablo	Local Road	San Pablo Avenue Bicycle and Ped Improvements	Expansion	CC-130032	2	\$845			\$5,978	\$6,823
CC	San Pablo	Local Road	El Portal Drive Rehabilitation / Gateway Phases II	Maint/Rehab	CC-110001	3	\$1,920			\$1,920	\$1,920
CC	San Pablo	Local Road	San Pablo Various Streets and Roads Preservation	Maint/Rehab	CC-130028	2	\$668			\$454	\$1,122
CC	San Ramon	Local Road	Bollinger Canyon Road Widening (Alcosta to SRVB)	Expansion	CC-090019	4	\$10,613				\$10,613
CC	San Ramon	Local Road	San Ramon Valley Boulevard Preservation	Maint/Rehab	CC-130008	2	\$1,825			\$291	\$1,916
CC	San Ramon	Local Road	Citywide School Crossing Enhancement Project	SystMgmt	CC-130041	2	\$58			\$248	\$306
CC	San Ramon	State Highway	I-680 Direct Access Ramps	Expansion	CC-070036	6	\$101,600				\$101,600
CC	St. Rte. 4 BA	State Highway	SR4 Bypass: Sand Creek to Balfour Rd	Expansion	CC-070048	7	\$12,400				\$12,400
CC	Walnut Creek	Local Road	Pleasant Hill Geary Road Widening Phase 3	Expansion	CC-070050	5	\$7,950				\$7,950
CC	Walnut Creek	Local Road	Walnut Creek Various Arterials & Collectors Rehab	Maint/Rehab	CC-110013	5	\$247			\$1,856	\$2,103
CC	Walnut Creek	Local Road	Walnut Creek - North Main Street Preservation	Maint/Rehab	CC-130033	2	\$268			\$655	\$921
CC	WCCTA	Transit	WCCTA: Preventive Maintenance Program	Maint/Rehab	CC-030025	12	\$409			\$1,636	\$2,045
CC	WCCTA	Transit	WCCTA: Replace (5) 1999 35' Revenue Vehicles	Maint/Rehab	CC-110057	3	\$472			\$1,857	\$2,329
CC	WCCTA	Transit	WCCTA: Purchase of non revenue Service Vehicle	Maint/Rehab	CC-110058	3	\$8			\$32	\$40
CC	WCCTA	Transit	WCCTA: Replace (8) 1988 40' transit buses	Maint/Rehab	CC-110092	4	\$877			\$3,503	\$4,380
CC	WCCTA	Transit	WCCTA: Replace (2) 2002 35' transit buses	Maint/Rehab	CC-110093	4	\$184			\$735	\$919
CC	WCCTA	Transit	WCCTA: Replace (2) 35 foot diesel transit vehicle	Maint/Rehab	CC-110094	4	\$56			\$224	\$280
CC	WCCTA	Transit	WCCTA: ADA Paratransit Operating Subsidy	Operations	CC-990045	19	\$304			\$1,153	\$1,458
CC	WCCTA	Transit	Hercules Intermodal Station Improvements	SystMgmt	CC-050074	7	\$363			\$1,251	\$1,614
CC	WETA	Transit	Richmond Ferry Service	Expansion	CC-070062	8			\$39,863	\$2,500	\$42,363
CC	WETA	Transit	Martinez Ferry Service	Expansion	CC-110002	3			\$813		\$813
CC	WETA	Transit	Antioch Ferry Service	Expansion	CC-110003	3			\$813		\$813
Totals for Contra Costa County							\$1,962,495	\$363,090	\$550,931	\$593,993	\$3,470,509

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MRN	Caltrans	State Highway	US 101 - Golden Gate Botanical Area Revegetation	SysMgmt	MRN050012	8	\$35			\$560	\$595
MRN	Caltrans	State Highway	US-101 Mission Bell Installation	SysMgmt	MRN110003	3				\$241	\$241
MRN	Fairfax	Local Road	Parkade Circulation and Safety Improvements	SysMgmt	MRN130009	3	\$100			\$300	\$400
MRN	GBBHTD	Tollway	Golden Gate Bridge Seismic Retrofit, Phase 3B	Maint/Rehab	MRN050018	17	\$44,243			\$98,509	\$142,752
MRN	GBBHTD	Tollway	Golden Gate Bridge Seismic Retrofit, Ph. 1-3A	Maint/Rehab	MRN970016	25	\$71,986		\$110,269	\$90,902	\$273,157
MRN	GBBHTD	Tollway	Golden Gate Bridge-Suicide Deterrent Safety Barrier	SysMgmt	MRN050019	11	\$87,000				\$87,000
MRN	GBBHTD	Transit	Larkspur Ferry Terminal Parking Garage	Expansion	MRN130001	2	\$4,000				\$4,000
MRN	GBBHTD	Transit	GBBHTD: Fixed Guideway Connectors	Maint/Rehab	MRN030010	16	\$6,565			\$28,731	\$33,296
MRN	GBBHTD	Transit	GBBHTD: Ferry Major Components Rehabilitation	Maint/Rehab	MRN030011	17	\$2,802			\$11,209	\$14,011
MRN	GBBHTD	Transit	4 Replacement Express Buses	Maint/Rehab	MRN050015	7		\$1,600			\$1,600
MRN	GBBHTD	Transit	GBBHTD: Facilities Rehabilitation	Maint/Rehab	MRN050025	13	\$5,887			\$22,090	\$27,977
MRN	GBBHTD	Transit	GBBHTD: Replacement of Ferry Propulsion Systems	Maint/Rehab	MRN090025	12	\$780			\$3,120	\$3,900
MRN	GBBHTD	Transit	GBBHTD: Replace 11 - 1997 45' MCI Buses	Maint/Rehab	MRN090034	6	\$1,400			\$5,597	\$6,997
MRN	GBBHTD	Transit	GBBHTD - Replace 7 - 40' Diesel Buses	Maint/Rehab	MRN110045	4	\$752			\$3,008	\$3,760
MRN	GBBHTD	Transit	GBBHTD - Replace 14 - 45' OTR Coaches	Maint/Rehab	MRN110046	4	\$1,927			\$7,710	\$9,637
MRN	GBBHTD	Transit	Ferry channel & berth dredging.	Maint/Rehab	MRN990017	21	\$4,321			\$16,573	\$20,894
MRN	GBBHTD	Transit	GBBHTD - Transit Systems Enhancements	SysMgmt	MRN130015	2	\$337			\$1,683	\$2,020
MRN	Larkspur	Local Road	Larkspur - Non-motorized Transpo. Pilot Program	Expansion	MRN070015	14	\$12			\$1,347	\$1,359
MRN	Marin County	Local Road	Non-motorized Transp. Pilot Program - Marin County	Expansion	MRN050033	33				\$11,005	\$11,005
MRN	Marin County	Local Road	Non-motorized Transp. Projects - Marin County	Expansion	MRN090049	10		\$75		\$1,238	\$1,313
MRN	Marin County	Local Road	Sir Francis Drake Boulevard Westbound Bike Lane	Expansion	MRN090050	8				\$386	\$461
MRN	Marin County	Local Road	Miller Creek Road Bike Lanes and Ped Improvements	Expansion	MRN110033	3				\$407	\$407
MRN	Marin County	Local Road	Mountain View Rd Bridge Replacement - 27C0154	Expansion	MRN110035	3				\$1,246	\$1,246
MRN	Marin County	Local Road	Marin Parklands Visitor Access, Phase 2	Maint/Rehab	MRN070019	9	\$3,410			\$1,036	\$4,446
MRN	Marin County	Local Road	Marin County: Southern Marin Roads Rehab	Maint/Rehab	MRN090053	6	\$158			\$1,196	\$1,354
MRN	Marin County	Local Road	Donahue Street Road Rehabilitation Project	Maint/Rehab	MRN130010	2	\$140			\$1,077	\$1,217
MRN	Marin County	Local Road	North Civic Center Drive Improvements	SysMgmt	MRN130007	4	\$2,150			\$650	\$2,800
MRN	Marin County	Public Lands/Trails	Mill Valley-Sausalito Pathway Preservation	Maint/Rehab	MRN130014	2	\$1,436			\$320	\$1,756
MRN	Marin County	State Highway	Tennessee Valley Bridge	Maint/Rehab	MRN070006	11	\$152			\$759	\$911
MRN	MCTD	Transit	Local Bus Stop Revitalization in Marin County	Maint/Rehab	MRN110004	3	\$400			\$1,600	\$2,000
MRN	MCTD	Transit	Marin Transit - Replace 3 - 2005 Paratransit Vans	Maint/Rehab	MRN110028	5	\$49			\$245	\$294
MRN	MCTD	Transit	MCTD Preventive Maintenance	Maint/Rehab	MRN110040	4	\$42			\$216	\$258
MRN	MCTD	Transit	Marin Transit Replace Four Local Buses	Maint/Rehab	MRN110042	3	\$559			\$2,236	\$2,795
MRN	MCTD	Transit	Marin Transit Seven Local Buses	Maint/Rehab	MRN110043	3	\$1,014			\$4,058	\$5,072
MRN	MCTD	Transit	Marin Transit - Replace Paratransit Vehicles	Maint/Rehab	MRN110044	3	\$223			\$891	\$1,114
MRN	MCTD	Transit	Marin Transit Low Income Youth Pass Program	Operations	MRN110041	4	\$258				\$258
MRN	MCTD	Transit	MCTD - ADA Paratransit Assistance	Operations	MRN110047	3	\$505			\$2,020	\$2,525
MRN	MCTD	Transit	Marin county: Bus Stop Improvements	SysMgmt	MRN070001	12			\$2,423		\$2,423
MRN	MCTD	Transit	Capital Improvements For Muir Woods Shuttle	SysMgmt	MRN110030	4	\$430			\$1,738	\$2,168
MRN	Mill Valley	Local Road	Mill Valley - Sycamore Ave Pedestrian Facilities	Expansion	MRN090052	6	\$129			\$282	\$411
MRN	Mill Valley	Local Road	Mill Valley - Miller Avenue Rehabilitation	Maint/Rehab	MRN070002	7	\$6,650		\$500		\$7,150
MRN	MTC	Public Lands/Trails	Bayfront Park Recreational Bay Access Pier Rehab	Maint/Rehab	MRN130012	2	\$123			\$100	\$223
MRN	MTC	Local Road	Regional Planning Activities and PPM - Marin	SysMgmt	MRN090020	13	\$661		\$1,024	\$5,692	\$7,377
MRN	Novato	Local Road	Novato Boulevard Widening, Diablo to Grant	Expansion	MRN070006	8	\$8,974			\$975	\$8,974
MRN	Novato	Local Road	Delong Avenue and Ignacio Boulevard Resurfacing	Maint/Rehab	MRN130011	2	\$196			\$779	\$975
MRN	San Anselmo	Local Road	Bollinas Avenue and Sir Francis Drake Intersection	Maint/Rehab	MRN130006	2	\$66			\$274	\$340
MRN	San Anselmo	Local Road	San Anselmo - Center Blvd Bridge Replace (27C0079)	Expansion	MRN110032	3	\$667			\$5,150	\$5,817
MRN	San Rafael	Public Lands/Trails	Sunny Hill Ridge and Red Hill Trails	Expansion	MRN130013	2	\$80			\$80	\$160
MRN	San Rafael	Local Road	San Rafael - Non-motorized Transit Pilot Program	Expansion	MRN070009	17				\$2,948	\$2,948
MRN	San Rafael	Local Road	San Rafael: Sidewalk along East Francisco Blvd	Expansion	MRN110029	6	\$1,300			\$200	\$1,500
MRN	San Rafael	Local Road	San Rafael Citywide Street Resurfacing	Maint/Rehab	MRN110008	3	\$313			\$1,019	\$1,332
MRN	San Rafael	Local Road	San Rafael Various Streets and Roads Preservation	Maint/Rehab	MRN130004	2	\$137			\$457	\$594

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MRN	San Rafael	Local Road	San Rafael Transit Center Pedestrian Access Imps.	SystMgmt	MRN130005	2	\$775			\$1,900	\$2,675
MRN	Sausalito	Local Road	Sausalito - Non-motorized Transp. Pilot Program	SystMgmt	MRN070012	12				\$530	\$530
MRN	Sausalito	Local Road	Sausalito - Bridgeway/US 101 Off Ramp Bicycle Imps	SystMgmt	MRN110010	4	\$197			\$88	\$285
MRN	TAM	Local Road	Central Marin Ferry Access Improvements	Expansion	MRN050014	11		\$9,002		\$7,610	\$16,612
MRN	TAM	Local Road	Marin Bike/Ped Facility North of Atherton Ave.	Expansion	MRN070003	7	\$185			\$425	\$610
MRN	TAM	Local Road	TAM - Non-motorized Transportation Pilot Program	SystMgmt	MRN070017	6				\$160	\$160
MRN	TAM	Local Road	Local PDA Planning - Marin	SystMgmt	MRN110039	7	\$98			\$750	\$848
MRN	TAM	State Highway	US 101 / Greenbrae Interchange Corridor Imps.	Expansion	MRN050001	9	\$126,067	\$28,733			\$154,800
MRN	TAM	State Highway	US 101 HOV Lanes - Marin-Sonoma Narrows (Marin)	Expansion	MRN050034	12	\$120,282		\$203,551	\$17,154	\$340,987
MRN	TAM	State Highway	Highway 101 Landscaping for Gap Closure Project	SystMgmt	MRN110034	3				\$3,900	\$3,900
MRN	Various	Local Road	Marin County: Major Roads Rehabilitation	Maint/Rehab	MRN090008	5	\$30,000				\$30,000
Totals for Marin County							\$539,975	\$39,410	\$317,767	\$371,252	\$1,268,404

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NAP	American Canyon	Local Road	American Canyon Napa Junction Elementary Ped Imps	Expansion	NAP090007	8	\$55			\$221	\$276
NAP	American Canyon	Local Road	American Canyon: Theresa Ave Sidewalk Imp Phase 3	Expansion	NAP110007	6	\$30			\$200	\$230
NAP	American Canyon	Local Road	Eucalyptus Drive Realignment Complete Streets	Expansion	NAP110029	5	\$3,370			\$1,154	\$4,524
NAP	American Canyon	Local Road	Devlin Road and Vine Trail Extension	Expansion	NAP130006	2	\$920			\$1,982	\$2,882
NAP	American Canyon	Local Road	American Canyon PDA Development Plan	Expansion	NAP110006	4	\$1,604			\$793	\$2,397
NAP	Calistoga	State Highway	SR 128 and Petrified Forest Intersection Imp	SystMgmt	NAP150001	1	\$70			\$580	\$650
NAP	Caltrans	State Highway	Design of SR 12/29 /Airport Blvd Grade Separation	Expansion	NAP010002	8	\$2,415			\$2,415	\$2,415
NAP	Caltrans	State Highway	SR 12 (Jamieson Canyon Road) Widening	Expansion	NAP010008	16			\$104,334	\$10,801	\$115,135
NAP	MTC	Local Road	Regional Planning Activities and PPM - Napa	SystMgmt	NAP090002	12	\$595		\$47	\$5,156	\$5,798
NAP	Napa	Local Road	Napa/Lincoln Ave Bike Lane - Jefferson to Railroad	Expansion	NAP110011	6	\$43			\$170	\$213
NAP	Napa	Local Road	Napa City North/South Bike Connection	Expansion	NAP110013	5	\$95	\$113		\$500	\$708
NAP	Napa	Local Road	Napa (City): 2011 Cape Seal Pavement Rehab	Maint/Rehab	NAP110008	4	\$101			\$625	\$726
NAP	Napa	Local Road	Napa City - Linda Vista Pavement Overlay	Maint/Rehab	NAP110015	4	\$122			\$654	\$776
NAP	Napa	Local Road	California Boulevard Roundabouts	SystMgmt	NAP110028	5	\$1,052			\$3,964	\$5,016
NAP	Napa	Local Road	City of Napa PDA Implementation	SystMgmt	NAP130001	2	\$36			\$275	\$311
NAP	Napa	Public Lands/Trails	Highway 29/Napa Creek Bicycle Path Upgrade	Expansion	NAP130004	2	\$500	\$25		\$525	\$525
NAP	Napa County	Local Road	Napa County: Silverado Trail Paving Phase F	Maint/Rehab	NAP110009	4	\$117			\$838	\$955
NAP	Napa County	Local Road	Silverado Trail Phase H Rehab	Maint/Rehab	NAP110023	5	\$889			\$794	\$1,683
NAP	Napa County	Local Road	Hardin Rd Bridge Replacement - 21C0058	Maint/Rehab	NAP110026	4				\$1,756	\$1,756
NAP	Napa County	Local Road	Loma Vista Dr Bridge Replacement - 21C0080	Maint/Rehab	NAP110027	3				\$720	\$720
NAP	Napa County	Local Road	Airport Boulevard Rehabilitation	Maint/Rehab	NAP130003	2	\$585			\$1,332	\$1,917
NAP	Napa County	Local Road	Silverado Trail Phase G Rehab	Maint/Rehab	NAP130009	2	\$1,722			\$1,107	\$2,829
NAP	Napa County	Local Road	Silverado Trail Yountville-Napa Safety Improvement	SystMgmt	NAP130010	2	\$25			\$143	\$168
NAP	Napa Vine	Transit	Park & Ride Lots in Napa County	Expansion	NAP050009	7	\$2,680	\$2,350			\$5,030
NAP	NCTPA	Local Road	Napa Valley Vine Trail Design and Construction	Expansion	NAP110014	8	\$2,449			\$2,711	\$5,160
NAP	NCTPA	Local Road	SRTS Non Infrastructure Program Cycle 2	Expansion	NAP130002	3				\$420	\$420
NAP	NCTPA	Local Road	NCTPA: Napa County SRTS Program Expansion	SystMgmt	NAP110012	3				\$315	\$315
NAP	NCTPA	State Highway	SR 12/29/221 Soscol Junction Interchange Study	Expansion	NAP090003	6		\$6,300			\$6,300
NAP	NCTPA	Transit	NCTPA: Replace Rolling Stock	Maint/Rehab	NAP090005	6	\$4,131	\$1,985		\$4,312	\$10,428
NAP	NCTPA	Transit	NCTPA: Equipment Replacement and Upgrades	Maint/Rehab	NAP090008	8	\$800			\$440	\$1,240
NAP	NCTPA	Transit	NCTPA: ADA Operating Assistance	Operations	NAP030004	17	\$131			\$242	\$374
NAP	NCTPA	Transit	Napa Vine Operating Assistance	Operations	NAP970010	29	\$17,957			\$15,833	\$33,790
NAP	NCTPA	Transit	Napa: Bus Stop Improvements	SystMgmt	NAP030005	11	\$631			\$152	\$782
NAP	NCTPA	Transit	Napa County Community Based Transportation Plan	SystMgmt	NAP110024	3	\$20			\$80	\$100
NAP	NCTPA	Transit	Napa/VINE Bus Mobility Device Retrofit Project- TPI	SystMgmt	NAP130005	2	\$46			\$121	\$167
NAP	Saint Helena	State Highway	Hwy 29 Grayson Ave. Signal Construction	SystMgmt	NAP130007	2	\$166			\$300	\$466
NAP	Yountville	Local Road	Yountville - Napa County Bicycle Path Extension	Expansion	NAP090006	9	\$20			\$129	\$149
NAP	Yountville	Public Lands/Trails	Hopper Creek Pedestrian Bridge and Path Project	Expansion	NAP130008	2				\$500	\$500
Totals for Napa County							\$43,376	\$4,448	\$110,706	\$59,301	\$217,830

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SF	BART	Transit	BART/MUNI Direct Connection Platform	Expansion	SF-050014	6		\$3,000			\$3,000
SF	BART	Transit	Balboa Park Station Eastside Walkway Project	SysMgmt	SF-090040	4	\$3,002		\$10,154		\$13,155
SF	BART	Transit	24th Street/Mission BART Plaza Pedestrian Imps.	SysMgmt	SF-090051	5	\$1,905			\$2,109	\$4,014
SF	BART	Transit	Regional Real-Time Transit Information at BART	SysMgmt	SF-110044	3	\$1,232			\$3,168	\$4,400
SF	BART	Transit	BART 24th Street Train Control Upgrade	SysMgmt	SF-110048	4	\$260			\$2,000	\$2,260
SF	Caltrain	Transit	Caltrain Electrification	Maint/Rehab	SF-010028	13	\$585,136		\$820,000	\$19,864	\$1,225,000
SF	GGBHTD	Local Road	Golden Gate Bridge - Moveable Median Barrier	SysMgmt	SF-070037	16	\$3,621		\$20,000	\$1,379	\$25,000
SF	MTC	Local Road	Regional Planning Activities and PPM - SF County	SysMgmt	SF-090030	13	\$767		\$2,045	\$7,681	\$10,503
SF	Port of SF	Local Road	Pier 70 Shoreline Open Space Improvements	Expansion	SF-070014	6	\$22,000				\$22,000
SF	Port of SF	Local Road	Pier 70 19th Street & Illinois Street Sidewalk	Expansion	SF-130021	2	\$2,220			\$1,000	\$3,220
SF	Port of SF	Transit	San Francisco Downtown Ferry Terminal	Maint/Rehab	SF-070010	7	\$20,000				\$20,000
SF	Port of SF	Transit	Fishermans Wharf Ferry Terminal Improvements	Maint/Rehab	SF-070012	7	\$8,000				\$8,000
SF	Port of SF	Transit	Embarcadero Corridor Transportation Improvements	SysMgmt	SF-070009	6	\$5,350				\$5,350
SF	SF County TA	Local Road	Treasure Is/Yerba Buena Is Street Improvements	Expansion	SF-130004	2	\$47,960				\$47,960
SF	SF County TA	Local Road	Integrated Public-Private Partnership TDM Program	SysMgmt	SF-110011	3	\$125	\$150		\$750	\$1,025
SF	SF County TA	Local Road	San Francisco Parking Pricing and Regulation Study	SysMgmt	SF-110038	4	\$120			\$480	\$600
SF	SF County TA	Local Road	Treasure Island Congestion Pricing Program	SysMgmt	SF-110049	6	\$9,395			\$480	\$9,875
SF	SF County TA	Local Road	HOV Ramps: I-280/6th St Ramps-Project Development	SysMgmt	SF-130009	2	\$2,000				\$2,000
SF	SF County TA	Local Road	SF Downtown Congestion Pricing (NE Cordon)	SysMgmt	SF-130017	2	\$104,000				\$104,000
SF	SF County TA	Local Road	HOV Lanes on US 101 in SF - Project Development	Expansion	SF-130008	2	\$2,000				\$2,000
SF	SF County TA	State Highway	Yerba Buena Island (YBI) Ramp Improvements	Maint/Rehab	SF-070027	13	\$78,265	\$13,723		\$119,618	\$211,606
SF	SF County TA	State Highway	US 101 Doyle Drive Replacement	Maint/Rehab	SF-991030	35	\$140,561	\$1,530,827		\$315,349	\$1,986,737
SF	SF County TA	Transit	Geary Bus Rapid Transit	Expansion	SF-070004	6	\$183,700				\$183,700
SF	SF County TA	Transit	Van Ness Avenue Bus Rapid Transit	Expansion	SF-070005	10	\$73,130	\$0	\$7,305	\$45,000	\$125,435
SF	SF County TA	Transit	Oakdale Caltrain Station	Expansion	SF-090011	5	\$5,173				\$5,173
SF	SF County TA	Transit	Construct Treasure Island Bus Terminal Facility	Expansion	SF-130010	2	\$2,790				\$2,790
SF	SF County TA	Transit	Treasure Island Pricing Mobility Improvements	SysMgmt	SF-130005	2	\$23,500			\$8,355	\$23,500
SF	SF DPW	Local Road	Bayview Transportation Improvements	Expansion	SF-010038	11	\$27,795			\$36,150	\$63,945
SF	SF DPW	Local Road	Harvey Way Roadway Widening	Expansion	SF-090004	8	\$23,512			\$538	\$24,050
SF	SF DPW	Local Road	Hunters Pt Shipyard and Candlestick Pt Local Roads	Expansion	SF-110006	4	\$338,150				\$338,150
SF	SF DPW	Local Road	Southeast Waterfront Transportation Improvements	Expansion	SF-130006	3	\$253,324			\$957	\$254,281
SF	SF DPW	Local Road	HOPE SF Street Grid Phase 1	Expansion	SF-130007	2	\$10,000				\$10,000
SF	SF DPW	Local Road	4th St Bridge Seismic Retrofit & Rehab	Maint/Rehab	SF-010004	12	\$5,728	\$7,253		\$39,559	\$52,540
SF	SF DPW	Local Road	Citwide: San Francisco Street Improvements	Maint/Rehab	SF-050042	13	\$5,180	\$1,646		\$10,033	\$16,859
SF	SF DPW	Local Road	San Francisco - Arelous Walker Stairway Imps.	Maint/Rehab	SF-090036	8	\$200	\$1,230		\$1,030	\$2,460
SF	SF DPW	Local Road	Great Highway Restoration	Maint/Rehab	SF-110005	4	\$10,081			\$2,864	\$12,945
SF	SF DPW	Local Road	San Francisco - Folsom Streetscape and Rehab	Maint/Rehab	SF-110007	5	\$1,278			\$4,265	\$5,543
SF	SF DPW	Local Road	San Francisco - Broadway Streetscape and Rehab	Maint/Rehab	SF-110009	5	\$458			\$1,454	\$1,912
SF	SF DPW	Local Road	San Francisco Point Lobos Streetscape	SysMgmt	SF-090038	7	\$134			\$461	\$595
SF	SF DPW	Local Road	South of Market Alleysways Improvements, Phase 2	SysMgmt	SF-110012	5	\$959			\$1,381	\$2,340
SF	SF DPW	Local Road	SF - Better Market Street Transportation Elements	SysMgmt	SF-130001	2	\$206,400				\$206,400
SF	SF DPW	Local Road	SF - Second Street Complete Streets and Road Diet	SysMgmt	SF-130011	3	\$3,332			\$10,516	\$13,848
SF	SF DPW	Local Road	SF - Longfellow ES Safe Routes to School	SysMgmt	SF-130012	2	\$87			\$670	\$757
SF	SF DPW	Local Road	SF-ER Taylor ES Safe Routes to School	SysMgmt	SF-130013	2	\$67			\$520	\$587
SF	SF DPW	Local Road	SF - Broadway Chinatown Complete Streets	SysMgmt	SF-130014	3	\$1,395	\$387		\$5,321	\$7,102
SF	SF DPW	State Highway	SR 1 - 19th Avenue Median Improvements	SysMgmt	SF-070025	8	\$347			\$990	\$1,337
SF	SFDPH	Local Road	SF SRTS Non-Infrastructure Program	SysMgmt	SF-130018	2				\$1,439	\$1,439
SF	SFMTA	Local Road	San Francisco Bicycle Route Improvements	Expansion	SF-070036	5	\$5,365			\$100	\$5,465
SF	SFMTA	Local Road	San Francisco Bicycle Parking	Expansion	SF-090039	7				\$235	\$235
SF	SFMTA	Local Road	Mission Bay/UICSF Multi-Modal Transportation Imps.	Expansion	SF-110002	4	\$50,900	\$1,382		\$10,000	\$62,282
SF	SFMTA	Local Road	Sunset and AP Giannini SR2S Improvements	Expansion	SF-110029	5	\$225			\$579	\$804
SF	SFMTA	Local Road	Linked Priced Electric Bikes/sharing	Expansion	SF-110037	7	\$376			\$1,504	\$1,880

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SF	SFMTA	Local Road	Implement Parkmerced Street Network	Expansion	SF-130002	2	\$47,960				\$47,960
SF	SFMTA	Local Road	Twin Peaks Connectivity Planning	Expansion	SF-130022	2	\$23			\$168	\$191
SF	SFMTA	Local Road	SF Downtown Parking Pricing	SystMgmt	SF-070040	12	\$4,705			\$41,820	\$46,525
SF	SFMTA	Local Road	Church and Duboce Bike/Ped Enhancements	SystMgmt	SF-090041	6	\$86			\$388	\$474
SF	SFMTA	Local Road	Sunset Boulevard Ped Safety and Education	SystMgmt	SF-090042	8	\$888			\$611	\$1,299
SF	SFMTA	Local Road	Second St Phase 1 - SFGO Signal Rehab and Upgrade	SystMgmt	SF-110008	7	\$311			\$530	\$841
SF	SFMTA	Local Road	SF Ped Safety and Encouragement Campaign	SystMgmt	SF-110039	3	\$149			\$851	\$1,000
SF	SFMTA	Local Road	SF Crosswalk Conversion	SystMgmt	SF-110040	3	\$128			\$250	\$378
SF	SFMTA	Local Road	Local PDA Planning - San Francisco	SystMgmt	SF-110047	5	\$309			\$2,380	\$2,689
SF	SFMTA	Local Road	Mansell Corridor Complete Streets	SystMgmt	SF-130015	2	\$3,513			\$1,762	\$5,275
SF	SFMTA	Local Road	Masonic Avenue Complete Streets	SystMgmt	SF-130016	3	\$8,000			\$10,228	\$18,228
SF	SFMTA	Local Road	Eddy and Ellis Traffic Calming Improvement Project	SystMgmt	SF-130019	2	\$535			\$1,175	\$1,710
SF	SFMTA	State Highway	SFGO-Corridor Management	SystMgmt	SF-070030	14	\$23,921		\$5,110	\$25,841	\$4,871
SF	SFMTA	Transit	SF Muni Third St LRT Phase 2 - New Central Subway	Expansion	SF-010037	25	\$199,177		\$383,100	\$995,723	\$1,578,000
SF	SFMTA	Transit	Glen Park Intermodal Facility	Expansion	SF-050039	6	\$855			\$3,441	\$4,296
SF	SFMTA	Transit	Historic Streetcar Extension to Fort Mason	Expansion	SF-070003	5	\$49,959				\$49,959
SF	SFMTA	Transit	Additional Light Rail Vehicles to Expand Muni Rail	Expansion	SF-090012	4	\$44,473				\$44,473
SF	SFMTA	Transit	Geneva/Harvey Limited/Express Bus Service	Expansion	SF-090013	4	\$28,000				\$28,000
SF	SFMTA	Transit	Transit Center in Hunters Point	Expansion	SF-090016	4	\$22,000				\$22,000
SF	SFMTA	Transit	Express/Ltd Bus Service into Hunters Point (north)	Expansion	SF-090017	5	\$21,800				\$21,800
SF	SFMTA	Transit	Oakdale-Palou Interim High-Capacity Bus Corridor	Expansion	SF-090018	4	\$22,000				\$22,000
SF	SFMTA	Transit	Extended Trolleybus Service into Hunters Point	Expansion	SF-090019	5	\$51,000				\$51,000
SF	SFMTA	Transit	Geneva-Harvey BRT to Hunters Point - Geneva Extn	Expansion	SF-090020	4	\$34,000				\$34,000
SF	SFMTA	Transit	Geneva-Harvey BRT to Hunters Point - Geneva Portio	Expansion	SF-090021	4	\$53,000				\$53,000
SF	SFMTA	Transit	Geneva-Harvey BRT to Hunters Point - Harvey Portio	Expansion	SF-090023	4	\$80,910				\$80,910
SF	SFMTA	Transit	19th Ave. & Parkmerced M-Line Realignment	Expansion	SF-130003	2	\$80,940				\$80,940
SF	SFMTA	Transit	SFMTA: Purchase 60 foot expansion motor coaches	Expansion	SF-130020	2				\$30,500	\$30,500
SF	SFMTA	Transit	SFMTA: Wayside Fare Collection Equipment	Maint/Rehab	SF-030013	16	\$7,701	\$512	\$1,000	\$29,603	\$38,816
SF	SFMTA	Transit	SFMTA: Train Control & Trolley Signal Rehab/Replace	Maint/Rehab	SF-050024	12	\$11,028	\$730	\$6,000	\$35,262	\$53,020
SF	SFMTA	Transit	SFMTA: Escalator Rehabilitation	Maint/Rehab	SF-050026	10	\$6,440			\$13,850	\$20,290
SF	SFMTA	Transit	Light Rail Vehicle Overhaul Program	Maint/Rehab	SF-050034	10	\$16,381	\$1,335	\$9,500	\$30,319	\$57,534
SF	SFMTA	Transit	SFMTA: Trolley Coach Replacement	Maint/Rehab	SF-070045	15	\$31,146	\$2,350		\$94,722	\$128,218
SF	SFMTA	Transit	SFMTA: Rehab 170 Neoplan Buses	Maint/Rehab	SF-070046	8	\$2,400	\$1,258			\$3,658
SF	SFMTA	Transit	SF Muni - Preventive Maintenance	Maint/Rehab	SF-090031	7	\$1,958			\$13,135	\$15,093
SF	SFMTA	Transit	SFMTA: Paratransit Vehicle Replacements	Maint/Rehab	SF-090035	6	\$3,042			\$6,316	\$9,358
SF	SFMTA	Transit	SFMTA: Replace 45 NABI Motor Coaches & 17 Gilligs	Maint/Rehab	SF-090043	8	\$22,487			\$39,208	\$61,693
SF	SFMTA	Transit	SFMTA: Transportation Asset Management System	Maint/Rehab	SF-110010	3	\$2,200			\$8,800	\$11,000
SF	SFMTA	Transit	SFMTA: Replace 58 40' Neoplan Buses	Maint/Rehab	SF-110050	7	\$8,303			\$33,211	\$41,514
SF	SFMTA	Transit	SFMTA: Replace 26 60' Neoplan Buses	Maint/Rehab	SF-110051	5	\$5,215			\$20,859	\$26,073
SF	SFMTA	Transit	SF Muni Rail Replacement Program	Maint/Rehab	SF-95037B	16	\$40,636	\$2,091	\$4,000	\$138,295	\$185,022
SF	SFMTA	Transit	SFMTA: Cable Car Vehicle Renovation Program	Maint/Rehab	SF-970073	21	\$3,320	\$2,168	\$125	\$16,741	\$22,355
SF	SFMTA	Transit	SFMTA: Trolley Overhead Recon. Program	Maint/Rehab	SF-970170	26	\$17,635	\$7,019	\$6,183	\$113,466	\$144,303
SF	SFMTA	Transit	Islais Creek Motor Coach Facility	Maint/Rehab	SF-990004	17	\$53,371	\$400	\$4,458	\$62,756	\$120,985
SF	SFMTA	Transit	Cable Car Traction Power & Guideway Rehab	Maint/Rehab	SF-99T002	18	\$16,356	\$1,007		\$50,877	\$68,240
SF	SFMTA	Transit	SFMTA: Historic Rail Car rehabilitation	Maint/Rehab	SF-99T005	21	\$16,814	\$10,000		\$60,580	\$87,394
SF	SFMTA	Transit	SFMTA - Free Muni for Youth Program	Operations	SF-110052	3	\$1,807			\$1,807	\$1,807
SF	SFMTA	Transit	SFMTA: ADA Paratransit operating support	Operations	SF-990022	17	\$150,156			\$56,826	\$206,983
SF	SFMTA	Transit	SFMTA: TEP Capital Implementation Program	SystMgmt	SF-090032	6	\$2,725			\$7,624	\$10,349
SF	SFMTA	Transit	San Francisco Market & Haight St. Transit/Ped Imps	SystMgmt	SF-110016	6	\$824			\$3,748	\$4,572
SF	SFMTA	Transit	SFMTA: N-Judah Customer First Program	SystMgmt	SF-110042	6	\$716			\$5,384	\$6,100
SF	SFMTA	Transit	SFMTA: Mission Customer First Program	SystMgmt	SF-110043	6			\$5,057	\$5,383	\$10,440
SF	SFMTA	Transit	SFMTA: BX Customer First Program	SystMgmt	SF-110045	3			\$5,285	\$6,352	\$11,637

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SF	SFMTA	Transit	Global Positioning System	SystMgmt	SF-990003	18	\$5,554	\$11,283		\$12,089	\$28,927
SF	TBJPA	Transit	Transbay Term/Caltrain Downtown Ext - Ph. 1	Expansion	SF-010015	16	\$899,789	\$197,417	\$160,153	\$642,042	\$1,899,400
SF	TBJPA	Transit	Transbay Terminal/Caltrain Downtown Ext: Ph. 2	Expansion	SF-050002	9	\$2,277,188	\$6,983		\$1,240	\$2,285,411
SF	TBJPA	Transit	Transbay Transit Center - TIFIA Loan Debt Service	Expansion	SF-070029	8	\$1,075,061				\$1,075,061
SF	WETA	Transit	WETA: Replace Ferry Vessels	Maint/Rehab	SF-110053	4	\$5,235			\$20,941	\$26,177
Totals for San Francisco County							\$7,735,430	\$247,703	\$2,804,892	\$3,278,860	\$14,066,885

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Report sorted by: County, Sponsor, System, Purpose, and TIP ID

County	Sponsor	System	Project Title	Purpose	TIP ID	Ver	Regional			Federal Funds	Total Funding
							Local Funds	Funds	State Funds		
SM	Atherton	Local Road	Atherton-Fair Oaks-Middlefield Preservation	Maint/Rehab	SM-110074	3	\$170			\$285	\$455
SM	BART	Transit	BART: Preventive Maintenance	Maint/Rehab	SM-050005	10	\$5,472			\$27,742	\$33,214
SM	BART	Transit	Daly City BART Station Intermodal Improvements	SystMgmt	SM-130029	2	\$650		\$350	\$200	\$1,100
SM	Belmont	Local Road	Ralston Avenue Pedestrian Route Improvements	Expansion	SM-130017	2	\$70			\$250	\$320
SM	Belmont	Local Road	Old County Road Bicycle/Pedestrian Improvements	Expansion	SM-130018	2	\$80			\$270	\$350
SM	Belmont	Local Road	Belmont Pavement Reconstruction Program	Maint/Rehab	SM-130007	2	\$145			\$534	\$679
SM	Brisbane	State Highway	US 101/Candlestick Interchange	SystMgmt	SM-090004	4	\$13,890			\$13,890	\$13,890
SM	Burlingame	Local Road	Carolan Ave Complete Streets and Road Diet	SystMgmt	SM-130021	2	\$174			\$986	\$1,160
SM	Caltrain	Transit	Caltrain South Terminal Phase II and III	Expansion	SM-070008	6	\$300		\$14,000	\$1,200	\$15,500
SM	Caltrain	Transit	San Mateo Bridges Replacement	Maint/Rehab	SM-010054	15	\$13,375		\$24,695	\$4,508	\$42,577
SM	Caltrain	Transit	Narrow Banding Project	Maint/Rehab	SM-090001	4	\$2,153			\$440	\$2,593
SM	Caltrain	Transit	Caltrain TVM Replacement	Maint/Rehab	SM-110076	3	\$245			\$980	\$1,225
SM	Caltrain	Transit	Caltrain: ADA Operating Set-aside	Operations	SM-050040	15	\$1,462			\$79	\$1,542
SM	Caltrain	Transit	Caltrain: Systemwide Security	SystMgmt	SM-030010	15	\$1,517		\$5,635	\$9,000	\$16,152
SM	Caltrain	Transit	VMS-PA Systems Integration	SystMgmt	SM-070032	5	\$220			\$880	\$1,100
SM	Caltrain	Transit	Caltrain Grade Separation Program	SystMgmt	SM-090021	4	\$84,452		\$36,779	\$25,818	\$147,050
SM	Caltrain	Transit	Caltrain Control Point Installation	SystMgmt	SM-130026	2	\$3,600			\$1,376	\$4,976
SM	Caltrain	Transit	Caltrain Off-peak Marketing Campaign	SystMgmt	SM-130027	2	\$6			\$44	\$50
SM	Caltrans	State Highway	US 101 Auxiliary Lanes - 3rd to Millbrae	Expansion	SM-010031	15	\$117,706		\$67,703	\$2,831	\$188,240
SM	Caltrans	State Highway	US 101 Auxiliary Lanes - Marsh Road to SCL County	Expansion	SM-030001	16	\$32,145		\$73,436	\$1,642	\$107,223
SM	Caltrans	State Highway	US 101 / Broadway Interchange Improvement	Expansion	SM-050028	10	\$52,997			\$26,831	\$79,828
SM	Caltrans	State Highway	SR 1 Devils Slide Bypass	Maint/Rehab	SM-979013	18	\$750			\$511,123	\$511,873
SM	Caltrans	State Highway	San Mateo County: Install TMS Elements	SystMgmt	SM-090023	5			\$458	\$1,705	\$2,163
SM	CCAG	Local Road	San Mateo Countywide ITS Improvements	SystMgmt	SM-070002	9				\$4,298	\$4,298
SM	CCAG	Local Road	San Mateo County Traffic Incident Management	SystMgmt	SM-070037	12	\$4,450		\$21,000	\$2,082	\$27,532
SM	CCAG	Local Road	San Mateo County SR2S Program	SystMgmt	SM-110022	5	\$1,273			\$3,334	\$4,607
SM	CCAG	State Highway	Dumbarton Bridge to US101 Connection Study	SystMgmt	SM-070029	7	\$100			\$378	\$478
SM	Daly City	Local Road	Callan Boulevard and King Drive Resurfacing	Maint/Rehab	SM-130005	2	\$146			\$562	\$708
SM	Daly City	Local Road	John Daly Boulevard Bicycle /Ped Improvements	SystMgmt	SM-130011	2	\$250			\$1,000	\$1,250
SM	East Palo Alto	Local Road	SR 82 Daly City-Mission St. Pedestrian Imps.- Ph I	SystMgmt	SM-050046	12	\$324			\$2,308	\$2,632
SM	East Palo Alto	Local Road	US-101 Pedestrian/Bicycle Overcrossing	Expansion	SM-130028	2	\$6,600			\$6,600	\$6,600
SM	East Palo Alto	Local Road	Bay Rd Bicycle/Ped Improvements Phase II & III	Maint/Rehab	SM-070004	9	\$2,414			\$10,503	\$12,917
SM	Half Moon Bay	State Highway	US 101 University Ave Interchange Improvements	SystMgmt	SM-070006	7	\$5,120			\$1,887	\$7,007
SM	Menlo Park	Local Road	Route 1 improvements in Half Moon Bay	Expansion	SM-090015	6	\$7,050			\$7,050	\$7,050
SM	Menlo Park	Local Road	Menlo Park Various Streets and Roads Preservation	Maint/Rehab	SM-130010	2	\$65			\$427	\$492
SM	Menlo Park	Local Road	Menlo Park-Various Streets Bike /Ped Improvements	SystMgmt	SM-130008	2	\$103			\$797	\$900
SM	Menlo Park	Local Road	Menlo Park - Willow Rd Traffic Signal Modification	SystMgmt	SM-130023	2	\$85			\$216	\$301
SM	Millbrae	Local Road	US 101 Millbrae Ave Bike/Ped Bridge	Expansion	SM-050053	7	\$11,550			\$912	\$12,462
SM	Millbrae	Local Road	Millbrae Various Streets and Roads Preservation	Maint/Rehab	SM-130009	2	\$60			\$445	\$505
SM	MTC	Local Road	Regional Planning Activities and PPM - San Mateo	SystMgmt	SM-090024	15	\$676		\$1,963	\$7,679	\$10,318
SM	MTC	Local Road	Local PDA Planning - San Mateo	SystMgmt	SM-110067	5	\$220			\$1,692	\$1,912
SM	MTC	Tollway	Dumbarton Bridge Seismic Retrofit	Maint/Rehab	SM-130001	2		\$33,600			\$33,600
SM	Pacifica	Local Road	FY 2014-15 Linda Mar Boulevard Pavement Rehab	Maint/Rehab	SM-110073	3	\$106			\$431	\$537
SM	Pacifica	Local Road	Palmetto Avenue Streetscape	SystMgmt	SM-130016	2	\$1,450			\$1,000	\$2,450
SM	Pacifica	State Highway	SR 1 - Fessler to West Port Drive Widening	Expansion	SM-050001	8	\$43,850		\$6,900	\$50,550	\$50,550
SM	Pacifica	State Highway	SR1 San Pedro Creek Bridge Replacement	Maint/Rehab	SM-050052	16	\$5,359			\$7,446	\$12,805
SM	Portola Valley	Local Road	Town of Portola Valley Resurfacing Prog	Maint/Rehab	SM-130006	2	\$60			\$224	\$284
SM	Redwood City	Local Road	Blomquist Street Extension	Expansion	SM-090007	4	\$5,000			\$5,000	\$5,000
SM	Redwood City	Local Road	Middlefield Rd and Woodside Rd Intersection Improv	Expansion	SM-110065	4	\$170			\$340	\$510
SM	Redwood City	Local Road	Middlefield Road Bicycle / Ped Improvements	Expansion	SM-130022	3	\$4,898			\$1,752	\$6,650
SM	Redwood City	Local Road	Redwood City Various Streets Overlay	Maint/Rehab	SM-130002	3	\$100			\$548	\$648
SM	Redwood City	State Highway	US 101 / Woodside Interchange Improvement	Expansion	SM-050027	7	\$49,110				\$49,110

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SM	SamTrans	Local Road	Making the Last Mile Connection TDM Program	SystMgmt	SM-110005	3	\$331			\$1,487	\$1,818
SM	SamTrans	Local Road	GBI: Removing Barriers to Livable Communities	SystMgmt	SM-110006	5	\$300			\$1,397	\$1,697
SM	SamTrans	State Highway	SR 82 - El Camino Real Grand Boulevard Initiative	SystMgmt	SM-050051	14	\$1,396			\$3,103	\$4,499
SM	SamTrans	Transit	SAMTRANS: Preventive Maintenance	Maint/Rehab	SM-030023	24	\$8,137	\$79		\$47,052	\$55,268
SM	SamTrans	Transit	Facility/Equipment Rehabilitation/Replacement	Maint/Rehab	SM-070049	11	\$60		\$187	\$986	\$1,233
SM	SamTrans	Transit	SamTrans - Replace 62 1998 Gillig Buses	Maint/Rehab	SM-110062	5	\$5,505		\$7,778	\$22,347	\$35,630
SM	SamTrans	Transit	SamTrans - Replacement of Articulated Bus Fleet	Maint/Rehab	SM-110068	5	\$41,488		\$0	\$41,488	\$82,976
SM	SamTrans	Transit	Replacement of 19 2007 Cutaway Buses	Maint/Rehab	SM-110069	3	\$83		\$376	\$1,838	\$2,297
SM	SamTrans	Transit	SAMTRANS: Replacement of 14 2009 Minivans	Maint/Rehab	SM-110070	4	\$64		\$91	\$620	\$774
SM	SamTrans	Transit	SAMTRANS: ADA Paratransit Operating Subsidy	Operations	SM-990026	25	\$1,445			\$5,775	\$7,221
SM	SamTrans	Transit	SAMTRANS: Advanced Communication System Upgrades	SystMgmt	SM-110053	7	\$196		\$2,286	\$11,013	\$13,495
SM	SamTrans	Transit	Reconfiguration of San Carlos Transit Center	SystMgmt	SM-110054	4	\$818		\$666	\$3,500	\$4,984
SM	SamTrans	Transit	SamTrans Service Plan (SSP)	SystMgmt	SM-130025	2	\$687				\$687
SM	San Bruno	Local Road	San Bruno Street Medians and Grand Blvd Imps	SystMgmt	SM-110011	3	\$184			\$654	\$838
SM	San Bruno	Local Road	San Bruno Transit Corridor Pedestrian Imps	SystMgmt	SM-110012	4	\$117			\$528	\$645
SM	San Bruno	Local Road	San Bruno Ave Street Medians Improvements	SystMgmt	SM-130019	2	\$125			\$735	\$860
SM	San Bruno	State Highway	SR 82 El Camino Real: Grand Boulevard Initiative	SystMgmt	SM-070031	9	\$300			\$779	\$1,079
SM	San Carlos	Local Road	East Side Community Transit Connectivity Phase 2	Expansion	SM-110028	3	\$124	\$426		\$2,271	\$2,771
SM	San Carlos	Local Road	Crestview Drive Pavement Rehabilitation-Phase 2	Maint/Rehab	SM-110075	4	\$288			\$412	\$700
SM	San Carlos	State Highway	San Carlos Streetscape and Ped Improvements	Expansion	SM-130012	3	\$110			\$850	\$960
SM	San Carlos	State Highway	El Camino Real Pedestrian Upgrades	Expansion	SM-130014	2	\$35			\$182	\$217
SM	San Carlos	State Highway	US101/Holly Interchange modification	SystMgmt	SM-090008	4	\$19,000				\$19,000
SM	San Mateo	Local Road	Mount Diablo Ave. Rehabilitation	Maint/Rehab	SM-130004	2	\$55			\$270	\$325
SM	San Mateo	Local Road	Smart Corridor Initial Implementation Project	SystMgmt	SM-090054	4	\$940			\$1,000	\$1,940
SM	San Mateo	Local Road	North Central Pedestrian Improvement Program	SystMgmt	SM-110064	5	\$215			\$1,340	\$1,554
SM	San Mateo	Local Road	San Mateo Citywide Crosswalk Improvements	SystMgmt	SM-130020	2	\$65			\$368	\$433
SM	San Mateo	State Highway	SR92/El Camino Real (SR82) Ramp Modifications	SystMgmt	SM-110047	7	\$8,255			\$7,845	\$16,100
SM	San Mateo	Local Road	CSRT South of Dam Conversion	Expansion	SM-110024	5	\$601			\$524	\$1,125
SM	San Mateo	Local Road	CSRT South of Hwy 92 Conversion	Expansion	SM-110063	3	\$315			\$1,091	\$1,405
SM	San Mateo	Local Road	Semicircular Rd Bicycle / Ped Access Improvements	SystMgmt	SM-130015	2	\$42			\$320	\$362
SM	San Mateo	Public Lands/Trails	Midcoast Multi-Modal Trail	Expansion	SM-130032	2	\$6,565				\$6,565
SM	SF City/County	Public Lands/Trails	Southern Skyline Blvd, Ridge Trail Extension	Expansion	SM-130031	2	\$13,700			\$1,000	\$14,700
SM	SMCTA	Local Road	Woodside Road Widening - El Camino to Broadway	Expansion	SM-090011	6	\$2,600			\$2,600	\$5,200
SM	SMCTA	State Highway	SR 92 Shoulder Widening & Curve Correction	Expansion	SM-010002	15	\$5,300		\$0		\$5,300
SM	SMCTA	State Highway	Construct WB lane on Rte 92	Expansion	SM-090003	4	\$20,800				\$20,800
SM	SMCTA	State Highway	US 101 Aux lanes from Sierra Point to SF Cnty Line	Expansion	SM-090009	4	\$6,600				\$6,600
SM	SMCTA	State Highway	Improve Rte 92 from SM Bridge to I-280	Expansion	SM-090013	4	\$35,200				\$35,200
SM	SMCTA	State Highway	US 101 / Willow Road Interchange Reconstruction	Maint/Rehab	SM-010047	19	\$30,723	\$7,009		\$21,942	\$59,674
SM	SMCTA	State Highway	I-280/Route 1 interchange safety improvements	SystMgmt	SM-090010	5	\$20,100				\$20,100
SM	SMCTA	State Highway	Improve US 101 operations near Rte 92	SystMgmt	SM-090014	6	\$500			\$23,839	\$24,339
SM	SSF	Local Road	SSF Citywide Sidewalk Gap Closure Project	Expansion	SM-130003	2	\$47			\$357	\$404
SM	SSF	State Highway	US 101/Produce Avenue Interchange	Expansion	SM-110003	3	\$127,470				\$127,470
SM	SSF	State Highway	South San Francisco Grand Blvd Ped Improvements	SystMgmt	SM-130013	2	\$131			\$1,000	\$1,131
SM	SSF	State Highway	Grand Boulevard Initiative Complete Street Program	SystMgmt	SM-130030	2	\$548			\$1,991	\$2,539
SM	WETA	Transit	WETA: Redwood City Ferry Service	Expansion	SM-110002	3	\$15,000				\$15,000
Totals for San Mateo County							\$858,434	\$33,679	\$271,737	\$837,053	\$2,000,903

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SCL	ACE	Transit	ACE: ADA Operating Set-aside	Operations	ALA050042	14	\$528				\$528
SCL	Caltrans	State Highway	South Terminal Wayside Power	Maint/Rehab	SCL110131	3	\$1,581		\$315	\$353	\$2,249
SCL	Caltrans	State Highway	SR 87 Guadalupe Freeway Corridor Landscaping	SystMgmt	SCL030008	12	\$945		\$2,000	\$5,980	\$8,925
SCL	Caltrans	State Highway	US 101 / SR 87-Timble Road Landscaping	SystMgmt	SCL050013	8			\$2,390		\$2,390
SCL	Campbell	Local Road	Virginia Avenue Sidewalks	Expansion	SCL130017	3	\$92			\$708	\$800
SCL	Gilroy	Local Road	Gilroy New Ronan Channel and Lions Creek Trails	Expansion	SCL110032	4	\$223			\$1,706	\$1,929
SCL	Gilroy	Local Road	Egleberry Street Resurfacing	Maint/Rehab	SCL130025	2	\$105			\$808	\$913
SCL	Los Altos	Local Road	Los Altos Various Streets and Roads Preservation	Maint/Rehab	SCL130023	3	\$75			\$312	\$387
SCL	Los Altos Hills	Local Road	El Monte Road Preservation	Maint/Rehab	SCL130013	2	\$164			\$186	\$350
SCL	Los Gatos	Local Road	Hillside Road Preservation	Maint/Rehab	SCL130014	3	\$18			\$139	\$157
SCL	Milpitas	Local Road	SR 237 - Calaveras Blvd Widening	Expansion	SCL050077	7	\$61,500				\$61,500
SCL	Milpitas	Local Road	Milpitas Various Streets and Roads Preservation	Maint/Rehab	SCL130035	2	\$275			\$1,652	\$1,927
SCL	Morgan Hill	Local Road	Monterey Road Preservation	Maint/Rehab	SCL130043	2	\$332			\$1,379	\$1,711
SCL	Mountain View	Local Road	Mountain View Various Rd Preservation & Bike lanes	Maint/Rehab	SCL130018	3	\$303			\$1,166	\$1,469
SCL	Mountain View	Local Road	Mountain View Castro Street Complete Streets	SystMgmt	SCL130015	3	\$110			\$840	\$950
SCL	MTC	Local Road	Local PDA Planning - Santa Clara	SystMgmt	SCL110125	5	\$694			\$5,349	\$6,043
SCL	Palo Alto	Local Road	Arastradero Road Schoolscapes/Multiuse Trail	Expansion	SCL130034	2	\$502			\$1,000	\$1,502
SCL	Palo Alto	Local Road	Palo Alto Various Street Resurfacing & Streetscape	Maint/Rehab	SCL130042	3	\$135			\$956	\$1,091
SCL	Palo Alto	Local Road	Palo Alto - Citywide Traffic Signal upgrade	SystMgmt	SCL050091	10	\$138			\$365	\$503
SCL	Palo Alto	State Highway	Adobe Creek/Highway 101 Bicycle Pedestrian Bridge	Maint/Rehab	SCL130041	3	\$5,500			\$4,000	\$9,500
SCL	San Jose	Local Road	Bay Trail Reach 9 & 9B	Expansion	SCL050082	8	\$7,863			\$8,538	\$16,401
SCL	San Jose	Local Road	San Jose Charcot Avenue Extension Over I-880	Expansion	SCL090003	4	\$30,200			\$675	\$30,875
SCL	San Jose	Local Road	Coleman Avenue Widening from I-880 to Taylor St	Expansion	SCL090005	4	\$13,000				\$13,000
SCL	San Jose	Local Road	San Jose North 1st Street Core Area Streets Imps.	Expansion	SCL090007	4	\$61,000				\$61,000
SCL	San Jose	Local Road	Montague Expwy Widening - Lick Mill-Trade Zone	Expansion	SCL090010	5	\$13,500				\$13,500
SCL	San Jose	Local Road	San Jose - Autumn Street Extension	Expansion	SCL110006	5	\$16,326			\$974	\$17,300
SCL	San Jose	Local Road	San Jose: Los Gatos Creek Reach 5 Underpass	Expansion	SCL110029	4	\$3,350			\$1,200	\$4,550
SCL	San Jose	Local Road	Park Avenue Multi-Modal Improvements	Expansion	SCL110117	4	\$364			\$1,456	\$1,820
SCL	San Jose	Local Road	St. John Street Multi-Modal Improvements - Phase 1	Expansion	SCL110118	4	\$376			\$1,500	\$1,876
SCL	San Jose	Local Road	San Jose Citywide Bikeway Program	Expansion	SCL130004	2	\$306			\$1,150	\$1,456
SCL	San Jose	Local Road	St. Johns Bikeway and Pedestrian Improvements	Expansion	SCL130011	3	\$315			\$1,185	\$1,500
SCL	San Jose	Local Road	East San Jose Bikeways	Expansion	SCL130016	2	\$532			\$2,000	\$2,532
SCL	San Jose	Local Road	US 101 Zanker Road /North 4th Street/Skyport Drive	Expansion	SCL130047	2	\$112,000				\$112,000
SCL	San Jose	Local Road	San Jose Citywide Pavement Management Program	Maint/Rehab	SCL130005	3	\$1,572			\$11,531	\$13,103
SCL	San Jose	Local Road	Downtown San Jose Bike Lanes and De-couplet	SystMgmt	SCL090004	6	\$18,315			\$3,500	\$19,815
SCL	San Jose	Local Road	San Jose: Various Intersection Improvements	SystMgmt	SCL090008	4	\$29,000				\$29,000
SCL	San Jose	Local Road	Innovative Bicycle Detection System	SystMgmt	SCL110016	4	\$371			\$1,500	\$1,871
SCL	San Jose	Local Road	San Jose - San Carlos Multimodal Phase 2	SystMgmt	SCL110034	8	\$1,296			\$2,401	\$3,697
SCL	San Jose	Local Road	San Jose Walk N Roll - Safe Access	SystMgmt	SCL110057	6	\$85			\$568	\$653
SCL	San Jose	Local Road	San Jose Citywide SRTS Program	SystMgmt	SCL130006	2	\$157			\$1,150	\$1,307
SCL	San Jose	Local Road	Jackson Ave Bicycle and Pedestrian Improvements	SystMgmt	SCL130007	4	\$399			\$1,899	\$2,298
SCL	San Jose	Local Road	San Jose Walk N' Roll Phase II	SystMgmt	SCL130008	2				\$1,000	\$1,000
SCL	San Jose	Local Road	San Jose Pedestrian Oriented Traffic Signals	SystMgmt	SCL130010	3	\$798			\$3,000	\$3,798
SCL	San Jose	Local Road	The Alameda Grand Blvd. Phase 2	SystMgmt	SCL130012	4	\$930			\$3,500	\$4,430
SCL	San Jose	Local Road	San Jose Smart Intersections Program	SystMgmt	SCL130036	2	\$157			\$1,150	\$1,307
SCL	San Jose	Public Lands/Trails	Almaden Expressway Trail	Expansion	SCL050039	11	\$1,840			\$352	\$2,192
SCL	San Jose	Public Lands/Trails	Coyote Creek Trail	Expansion	SCL050083	8	\$30,806			\$3,674	\$34,480
SCL	San Jose	Public Lands/Trails	Coyote Creek Trail Reach 5.3 (Brokaw to UPRR)	Expansion	SCL150002	1	\$2,232			\$713	\$2,945
SCL	San Jose	State Highway	US 101 / Blossom Hill I/C Reconst & Road Widening	Expansion	SCL030006	7	\$15,000				\$15,000
SCL	San Jose	State Highway	US 101 / Mabury New Interchange	Expansion	SCL070004	6	\$20,750				\$20,750
SCL	San Jose	State Highway	I-880/Montague Expressway Interchange Improvements	Expansion	SCL090015	4	\$14,340				\$14,340
SCL	San Jose	State Highway	US 101 SB Trimble Road/De La Cruz Boulevard/Cenra	SystMgmt	SCL090025	5	\$34,000				\$34,000

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SCL	San Jose	Transit	San Jose International Airport People Mover	Expansion	SCL090019	5	\$508,000			\$508,000
SCL	Santa Clara Co	Local Road	Montague Expwy Widening - Trade Zone-L680	Expansion	SCL090017	4	\$15,540			\$15,540
SCL	Santa Clara Co	Local Road	San Tomas Expressway Widening	Expansion	SCL110007	5	\$56,100			\$56,100
SCL	Santa Clara Co	Local Road	East San Jose Pedestrian Improvements	Expansion	SCL110121	4	\$532		\$2,128	\$2,660
SCL	Santa Clara Co	Local Road	Santa Clara County NonInfrastructure SRTS Program	Expansion	SCL130021	2			\$838	\$838
SCL	Santa Clara Co	Local Road	San Tomas Aquino Spur Multi-Use Trail Phase 2	Expansion	SCL130022	3	\$1,760		\$3,234	\$4,994
SCL	Santa Clara Co	Local Road	San Tomas Expressway Box Culvert Rehabilitation	Maint/Rehab	SCL090002	8	\$1,277		\$8,340	\$9,617
SCL	Santa Clara Co	Local Road	Isabel Bridge Replacement (37C0089)	Maint/Rehab	SCL110108	6			\$5,030	\$5,030
SCL	Santa Clara Co	Local Road	Central Expressway Auxiliary Lanes	SystMgmt	SCL070049	8	\$15,735		\$1,265	\$17,000
SCL	Santa Clara Co	Local Road	Page Mill Road/I-280 Interchange Reconfiguration	SystMgmt	SCL110004	3	\$7,820		\$7,820	\$7,820
SCL	Santa Clara Co	Local Road	Capitol Expressway ITS and Bike/Ped Improvements	SystMgmt	SCL130037	3	\$1,899		\$8,235	\$10,134
SCL	Santa Clara Co	State Highway	US 101/Montague Expressway Interchange	Expansion	SCL090027	4	\$13,500			\$13,500
SCL	Saratoga	Local Road	Highway 9 Safety Improvements	SystMgmt	SCL070050	9	\$364		\$2,262	\$2,626
SCL	Saratoga	Local Road	Prospect Rd Complete Streets	SystMgmt	SCL130026	2	\$560		\$4,765	\$5,325
SCL	Saratoga	State Highway	Saratoga Village Sidewalk Rehabilitation	Maint/Rehab	SCL130027	3	\$40		\$162	\$202
SCL	Sunnyvale	Local Road	Fair Oaks Avenue Bikeway and Streetscape	Expansion	SCL130029	2	\$254		\$956	\$1,210
SCL	Sunnyvale	Local Road	Duane Avenue Roadway Preservation	Maint/Rehab	SCL130033	2	\$224		\$1,576	\$1,800
SCL	Sunnyvale	Local Road	SR 237/US 101/Mathilda Interchange Modifications	SystMgmt	SCL130001	2	\$15,000			\$15,000
SCL	Sunnyvale	Local Road	Sunnyvale/Saratoga Road Bike/Ped Safety Enhancmnts.	SystMgmt	SCL130028	3	\$90		\$524	\$614
SCL	Sunnyvale	Local Road	Maude Avenue Bikeway and Streetscape	SystMgmt	SCL130030	2	\$135		\$695	\$830
SCL	Sunnyvale	Local Road	Sunnyvale SRTS Ped Infrastructure Improvements	SystMgmt	SCL130032	2	\$331		\$1,569	\$1,900
SCL	Sunnyvale	Public Lands/Trails	Sunnyvale East and West Channel Multi-Use Trails	Expansion	SCL130031	2	\$1,305		\$3,440	\$4,745
SCL	VTA	Local Road	Santa Clara Caltrain Station Bike/Ped Tunnel	Expansion	SCL090031	6	\$7,873	\$792	\$2,719	\$11,384
SCL	VTA	Local Road	Regional Planning Activities and PPM - Santa Clara	SystMgmt	SCL090035	13	\$1,299	\$2,189	\$15,084	\$18,572
SCL	VTA	Public Lands/Trails	Upper Penitencia Creek Multi-Use Trail	Expansion	SCL130020	3	\$610		\$1,514	\$2,124
SCL	VTA	State Highway	I-880 Coleman Avenue I/C Reconfiguration	Expansion	SCL010019	17	\$6,175		\$66,869	\$78,044
SCL	VTA	State Highway	SR-152/SR-156 Interchange Improvements	Expansion	SCL010040	18	\$15,238		\$11,450	\$44,983
SCL	VTA	State Highway	Garvey Debt. Srv. - SCL010019, SCL990030-31	Expansion	SCL030012	9		\$173,967		\$173,967
SCL	VTA	State Highway	New SR152 Alignment Study	Expansion	SCL090016	6	\$5,000	\$5,000		\$10,000
SCL	VTA	State Highway	SR 85 Express Lanes	Expansion	SCL090030	9	\$165,200		\$4,800	\$170,000
SCL	VTA	State Highway	Santa Clara County - US 101 Express Lanes	Expansion	SCL110002	4	\$425,000			\$425,000
SCL	VTA	State Highway	SR 237 Express Lanes: Zanker Rd to Mathilda Ave	Expansion	SCL110008	5	\$14,400		\$1,600	\$16,000
SCL	VTA	State Highway	SR 237 Express Lanes: Mathilda Avenue to SR 85	Expansion	SCL130002	2	\$83,790			\$83,790
SCL	VTA	State Highway	I-880 Stevens Creek Landscaping	SystMgmt	SCL130044	2	\$3,175		\$696	\$3,871
SCL	VTA	State Highway	I-680 Soundwalls - Capitol Expwy to Mueller Ave	SystMgmt	SCL150001	1		\$4,456		\$4,456
SCL	VTA	Transit	BART - Berryessa to San Jose Extension	Expansion	BR1030001	16	\$3,947,628		\$14,672	\$3,962,300
SCL	VTA	Transit	Capitol Expressway LRT Extension- Phase II	Expansion	SCL050009	12	\$236,360	\$39,000	\$18,540	\$293,900
SCL	VTA	Transit	Santa Clara/Alum Rock Transit Improvement/BR1	Expansion	SCL090001	6	\$24,818	\$90,445		\$115,263
SCL	VTA	Transit	LRT Extension to Vasona Junction	Expansion	SCL090040	4	\$176,000			\$176,000
SCL	VTA	Transit	BART - Warm Springs to Berryessa Extension	Expansion	SCL110005	9	\$1,279,380	\$353,339	\$889,181	\$2,521,900
SCL	VTA	Transit	El Camino Real Bus Rapid Transit	Expansion	SCL110009	4	\$233,700			\$233,700
SCL	VTA	Transit	VTA: Stevens Creek Bus Rapid Transit	Expansion	SCL110010	6	\$160,794		\$713	\$161,507
SCL	VTA	Transit	Montague Expy Ped Bridge at Milpitas BART Study	Expansion	SCL130040	2	\$97		\$744	\$841
SCL	VTA	Transit	Mountain View Double Track Improvements - Phase II	Expansion	SCL150003	1	\$30,000			\$30,000
SCL	VTA	Transit	VTA - Standard & Small Bus Replacement	Maint/Rehab	SCL050001	15	\$103,604	\$5,848	\$13,477	\$122,929
SCL	VTA	Transit	VTA - Rail Replacement Program	Maint/Rehab	SCL050002	17	\$4,669	\$1,328	\$18,373	\$24,370
SCL	VTA	Transit	VTA: Rail Substation Rehab/Replacement	Maint/Rehab	SCL050049	14	\$2,380	\$2,500	\$17,012	\$21,892
SCL	VTA	Transit	VTA: TP OCS Rehab & Replacement	Maint/Rehab	SCL090044	8	\$1,817		\$7,268	\$9,085
SCL	VTA	Transit	VTA: Light Rail Bridge and Structure - SG Repair	Maint/Rehab	SCL110099	3	\$340		\$1,360	\$1,700
SCL	VTA	Transit	VTA: Kinkisharyo LRV Overhaul Program	Maint/Rehab	SCL110100	3	\$257		\$1,030	\$1,287
SCL	VTA	Transit	VTA: LRV Body Shop Dust Separation Wall	Maint/Rehab	SCL110101	3	\$257		\$436	\$693
SCL	VTA	Transit	VTA: LRV Maintenance Shop Hoist	Maint/Rehab	SCL110102	3	\$687		\$2,750	\$3,437

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SCL	VTA	Transit	VTA: Update Santa Teresa Interlock Signal House	Maint/Rehab	SCL110103	4	\$432			\$1,728	\$2,160
SCL	VTA	Transit	VTA: Light Rail Track Crossovers and Switches	Maint/Rehab	SCL110104	3	\$145			\$580	\$724
SCL	VTA	Transit	VTA: LR Signal Assessment / SCADA Replacement	Maint/Rehab	SCL110105	3	\$700			\$2,800	\$3,500
SCL	VTA	Transit	VTA: Preventive Maintenance	Maint/Rehab	SCL190046	36	\$116,899			\$454,742	\$571,642
SCL	VTA	Transit	VTA: ADA Operating Set Aside	Operations	SCL050046	15	\$7,999			\$31,435	\$39,434
SCL	VTA	Transit	VTA: ADA Bus Stop Improvements	SystMgmt	SCL050045	16	\$823			\$3,265	\$4,088
SCL	VTA	Transit	VTA: Renewable Energy Conversion Project	SystMgmt	SCL090041	4	\$188			\$750	\$938
SCL	VTA	Transit	VTA: San Jose High Volume Bus Stop Upgrade	SystMgmt	SCL090043	5	\$150			\$600	\$750
SCL	VTA	Transit	VTA: Light Rail Transit Signal Priority Improvement	SystMgmt	SCL110119	4	\$206			\$1,587	\$1,793
Totals for Santa Clara County							\$8,202,957	\$792	\$694,770	\$1,714,112	\$10,612,631

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							Local Funds	State Funds	Funds		
SOL	Benicia	Local Road	Benicia Safe Routes to Schools Infrastructure Imps	Expansion	SOL130009	2	\$24			\$100	\$124
SOL	Benicia	Local Road	Benicia - East 2nd Street Preservation	Maint/Rehab	SOL130008	2		\$74		\$495	\$569
SOL	Benicia	Transit	Military/Southampton & Military/First Intermodal	Expansion	SOL010031	10		\$3,000			\$3,000
SOL	Benicia	Transit	Benicia Industrial Park Bus Hub Project	Expansion	SOL110008	4		\$1,250			\$1,250
SOL	Caltrans	State Highway	I-80 Alamo Creek On-Ramp and Bridge Widening	Expansion	SOL070002	5			\$3,924		\$3,924
SOL	Caltrans	State Highway	I-80/I-680 Aux Lanes Improvement Landscaping	Sys/Mgmt	SOL050003	8			\$2,544		\$2,544
SOL	Dixon	Local Road	West A Street Preservation	Maint/Rehab	SOL130013	2	\$142			\$584	\$726
SOL	Dixon	Local Road	Dixon SR25 Infrastructure Improvements	Sys/Mgmt	SOL130012	2	\$25			\$100	\$125
SOL	Fairfield	Local Road	Beck Avenue Preservation	Maint/Rehab	SOL130002	2	\$556			\$1,424	\$1,980
SOL	Fairfield	Transit	Fairfield/Vacaville Intermodal Rail Station	Expansion	SOL030002	21	\$18,902	\$33,200	\$25,135	\$3,308	\$80,545
SOL	Fairfield	Transit	Fairfield Transportation Center - Phase 3	Expansion	SOL110007	3	\$7,750			\$773	\$8,523
SOL	FWHA	Local Road	San Pablo Bay Entrance Rehabilitation	Maint/Rehab	SOL030015	8				\$625	\$625
SOL	F-S Transit	Transit	Fairfield Transit- 1 Gillig Bus Replacement	Maint/Rehab	SOL110041	5	\$141			\$564	\$706
SOL	F-S Transit	Transit	Fairfield-Suisun Transit: Operating Assistance	Operations	SOL010006	26	\$19,579			\$29,475	\$49,054
SOL	F-S Transit	Transit	Oliver Road Park and Ride	Sys/Mgmt	SOL130001	2	\$1,943				\$1,943
SOL	MTC	Local Road	Regional Planning Activities and PPM - Solano	Sys/Mgmt	SOL090006	15	\$672	\$1,636		\$6,334	\$8,642
SOL	MTC	State Highway	I-80 Express Lanes - Fairfield & Vacaville Ph I&II	Expansion	SOL110001	5	\$221,600	\$15,200			\$236,800
SOL	Rio Vista	State Highway	SR 12 crossing with updated lighting	Sys/Mgmt	SOL130014	2	\$30			\$100	\$130
SOL	Solano County	Local Road	Cordelia Hills Sky Valley	Expansion	SOL070012	8	\$590			\$2,160	\$2,750
SOL	Solano County	Local Road	Travis AFB: South Gate Improvement Project	Expansion	SOL070021	13	\$509			\$2,038	\$2,547
SOL	Solano County	Local Road	Suisun Valley Bicycle and Pedestrian Imps	Expansion	SOL130007	2	\$152			\$1,327	\$1,479
SOL	Solano County	Local Road	Roadway Preservation in Solano County	Maint/Rehab	SOL110036	6	\$304			\$1,389	\$1,693
SOL	Solano County	Local Road	Vacaville-Dixon Bicycle Route (Phase 5)	Sys/Mgmt	SOL090035	8	\$526			\$2,355	\$2,881
SOL	Solano County	State Highway	Redwood-Fairgrounds Dr Interchange Imps (Study)	Expansion	SOL090015	5	\$322			\$1,287	\$1,609
SOL	SolTrans	Transit	SolTrans: Preventive Maintenance	Maint/Rehab	SOL070032	9	\$510			\$1,621	\$2,131
SOL	SolTrans	Transit	SolTrans: Bus Maintenance Facility Renovation	Maint/Rehab	SOL090033	8	\$738			\$2,950	\$3,688
SOL	SolTrans	Transit	Bus Replacement (Alternative Fuel)	Maint/Rehab	SOL090034	11	\$192	\$1,559		\$1,707	\$3,458
SOL	SolTrans	Transit	Bus Replacement (Local)	Maint/Rehab	SOL130019	2	\$211			\$1,743	\$1,953
SOL	SolTrans	Transit	SolTrans: ADA Paratransit Operating Subsidy	Operations	SOL110025	7	\$463			\$1,850	\$2,313
SOL	SolTrans	Transit	SolTrans: Capital Maintenance - Fuel	Operations	SOL110033	3	\$81			\$321	\$401
SOL	SolTrans	Transit	SolTrans: Operating Assistance	Operations	SOL110040	7	\$7,504			\$7,504	\$15,008
SOL	SolTrans	Transit	SolTrans: AVL Technology	Sys/Mgmt	SOL090028	6	\$432			\$1,728	\$2,160
SOL	SolTrans	Transit	SolTrans: Technology Enhancements	Sys/Mgmt	SOL110038	4	\$19			\$75	\$94
SOL	STA	Local Road	Jepson: Vanden Road from Peabody to Leisure Town	Expansion	SOL110003	7	\$2,513	\$27,413		\$530	\$30,456
SOL	STA	Local Road	Jepson: Walters Rd Ext - Peabody Rd Widening	Expansion	SOL110004	4	\$12,801		\$630		\$13,431
SOL	STA	Local Road	Jepson: Leisure Town Road from Vanden to Commerce	Expansion	SOL110005	7	\$4,145	\$491		\$23,432	\$28,068
SOL	STA	Local Road	Jepson: Leisure Town Road (Commerce to Orange)	Expansion	SOL110006	5	\$2,577	\$200		\$9,545	\$12,322
SOL	STA	Local Road	Solano Safe Routes to School Program	Sys/Mgmt	SOL110019	7	\$20			\$2,267	\$2,287
SOL	STA	Local Road	Local PDA Planning - Solano	Sys/Mgmt	SOL110039	6	\$205			\$1,577	\$1,782
SOL	STA	Local Road	Local PCA Planning - Solano	Sys/Mgmt	SOL130011	2	\$10			\$75	\$85
SOL	STA	State Highway	I-80/I-680/SR 12 Interchange Project	Expansion	SOL070020	10	\$567,413	\$120,829		\$1,000	\$717,920
SOL	STA	Transit	Eastern Solano / SNCI Rideshare Program	Sys/Mgmt	SOL110020	4	\$127			\$978	\$1,105
SOL	STA	Transit	Solano Transit Ambassador Program	Sys/Mgmt	SOL130010	2	\$32			\$250	\$282
SOL	Suisun City	Local Road	Grizzly Island Trail - Phase 1	Expansion	SOL110012	5	\$150	\$900		\$1,114	\$2,164
SOL	Suisun City	Local Road	Driftwood Drive Path	Expansion	SOL130020	2	\$50			\$349	\$399
SOL	Suisun City	Local Road	Walters Road-Pintail Drive Preservation	Maint/Rehab	SOL130004	3	\$61			\$356	\$417
SOL	Suisun City	Transit	Suisun-Fairfield Intercity Rail Station Access Imp	Sys/Mgmt	SOL130003	4	\$216			\$415	\$631
SOL	Vacaville	Local Road	Allison Bicycle / Ped Improvements	Expansion	SOL130005	2	\$61			\$450	\$511
SOL	Vacaville	Local Road	Ulatis Creek Bike/Ped Path & Stscope McCellan-Depot	Expansion	SOL130006	2	\$65			\$500	\$565
SOL	Vacaville	Local Road	Vacaville Various Street and Roads Preservation	Maint/Rehab	SOL110043	5	\$220			\$1,231	\$1,451
SOL	Vacaville	Local Road	Vacaville Transit- Curb Ramps	Sys/Mgmt	SOL110034	4	\$10			\$40	\$50
SOL	Vacaville	Local Road	Vacaville SRTS Infrastructure Improvements	Sys/Mgmt	SOL130016	3	\$39			\$303	\$343

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SOL	Vacaville	State Highway	I-505/Vaca Valley Off-Ramp and Intersection Imprv.	Expansion	SOL090001	4	\$1,540				\$1,540
SOL	Vacaville	Transit	Vacaville Intermodal Station - Phase 2	Expansion	SOL110009	3	\$9,260			\$1,950	\$11,210
SOL	Vacaville	Transit	Vacaville Transit - Procure 3 Fixed Route Buses	Expansion	SOL110042	5	\$385			\$1,205	\$1,590
SOL	Vacaville	Transit	Procure 3 Low Floor Paratransit Buses	Expansion	SOL130018	2	\$99			\$394	\$493
SOL	Vacaville	Transit	Vacaville: Purchase bus shelters	Maint/Rehab	SOL97AM70	12	\$169			\$713	\$882
SOL	Vacaville	Transit	Purchase Transit Equipment - Fareboxes and Tools	Maint/Rehab	SOL991099	17	\$102			\$321	\$423
SOL	Vacaville	Transit	Vacaville Transit: Operating Assistance	Operations	SOL010007	19	\$7,343			\$8,186	\$15,529
SOL	Vacaville	Transit	Transit Marketing and Public Outreach	SystMgmt	SOL130017	3	\$44			\$171	\$215
SOL	Vacaville	Transit	Vacaville: Bus maintenance facility upgrades	SystMgmt	SOL950024	12	\$563			\$1,136	\$1,699
SOL	Vallejo	Local Road	Vallejo Downtown Streetscape	SystMgmt	SOL110035	7	\$654			\$3,240	\$3,894
SOL	Vallejo	Local Road	Vallejo SRTS Infrastructure Improvements	SystMgmt	SOL130015	2	\$33			\$248	\$280
SOL	Vallejo	State Highway	I-80 / American Canyon Rd overpass Improvements	Expansion	SOL990018	9	\$5,230			\$5,230	\$5,230
SOL	Vallejo	Transit	Sonoma Boulevard Improvements HSP5-04-031	SystMgmt	SOL110037	3	\$40			\$311	\$352
SOL	Vallejo	Transit	Vallejo Curtola Transit Center	Expansion	SOL050012	7		\$11,750			\$11,750
SOL	Vallejo	Transit	Vallejo Ferry Terminal (Intermodal Station)	Expansion	SOL950035	25	\$14,264	\$28,984	\$14,661	\$21,220	\$79,130
SOL	WETA	Transit	North Bay Operations and Maintenance Facility	Expansion	SOL991032	21	\$720		\$25,696	\$1,778	\$28,195
Totals for Solano County							\$915,150	\$122,063	\$225,619	\$159,071	\$1,421,903

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SON	Caltrans	Local Road	Rehab King Ridge Bridge over Austin Crk 20C0433	Expansion	SON070026	11				\$2,038	\$2,038
SON	Caltrans	State Highway	Son 101 HOV - SR 12 to Steele & Steele Lane I/C	Expansion	SON010001	19			\$6,063	\$6,063	\$6,063
SON	Caltrans	State Highway	HWY 101 HOV Lane 12/Steel - Follow-up College Ave	Expansion	SON110001	4	\$330		\$8,468	\$550	\$9,348
SON	Caltrans	State Highway	Son 101 HOV - Rohnert Park Expwy to Santa Rosa Av	Expansion	SON950005	16	\$20,000		\$69,715		\$89,715
SON	Cloverdale	Local Road	Cloverdale - Safe Routes to School Phase 2	Expansion	SON130016	2	\$167			\$250	\$417
SON	Cotati	Local Road	Cotati - Old Redwood Highway S. Preservation	Maint/Rehab	SON130008	2	\$50			\$250	\$300
SON	Cotati	Local Road	Downtown Specific Plan Area Revitalization	SystMgmt	SON110007	4	\$950			\$1,100	\$2,050
SON	Cotati	Transit	City of Cotati Train Depot	Expansion	SON110015	5	\$2,725			\$1,716	\$4,441
SON	FWLS	Local Road	San Pablo Bay NWR Access Road in Petaluma	Expansion	SON110030	3	\$21,230			\$2,250	\$23,480
SON	Healdsburg	Local Road	Healdsburg Foss Creek Bicycle/Ped Pathway	Expansion	SON050017	11	\$633			\$3,254	\$3,888
SON	Healdsburg	Local Road	Healdsburg Various Streets & Roads Rehabilitation	Maint/Rehab	SON130005	2	\$33			\$250	\$283
SON	Healdsburg	Local Road	Healdsburg Pedestrian Safety and Access Improvements	SystMgmt	SON110054	4	\$136			\$203	\$339
SON	MTC	Local Road	Regional Planning Activities and PPM - Sonoma	SystMgmt	SON090008	12	\$578		\$2,195	\$6,129	\$8,902
SON	MTC	Local Road	Stewarts Point Rancheria EV Pilot Program	SystMgmt	SON110034	4	\$376			\$376	\$752
SON	NBFS	Transit	Ferry Service to Port Sonoma	Expansion	SON070013	6	\$3,862			\$19,309	\$23,171
SON	Petaluma	Local Road	Petaluma Complete Streets	Maint/Rehab	SON130002	2	\$240			\$1,848	\$2,088
SON	Petaluma	Transit	Petaluma Transit: Preventive Maintenance	Maint/Rehab	SON090009	8	\$116			\$439	\$554
SON	Petaluma	Transit	Petaluma Paratransit: Replace 2 Vans	Maint/Rehab	SON090029	4	\$45			\$181	\$226
SON	Petaluma	Transit	Petaluma Transit: AVL System	Maint/Rehab	SON090030	4	\$30			\$120	\$150
SON	Petaluma	Transit	Petaluma Transit Maintenance Facility Rehab: Ph 1	Maint/Rehab	SON110004	3	\$150			\$600	\$750
SON	Petaluma	Transit	Petaluma Transit Maintenance Facility Rehab: Ph 2	Maint/Rehab	SON110033	3	\$200			\$800	\$1,000
SON	Petaluma	Transit	Petaluma: Replace 2 Paratransit Outways FY13	Maint/Rehab	SON110051	4	\$33			\$134	\$167
SON	Petaluma	Transit	Petaluma: Replace 2 Paratransit Outways FY14	Maint/Rehab	SON110052	5	\$34			\$137	\$172
SON	Petaluma	Transit	Petaluma Transit - Communications Equipment	SystMgmt	SON110032	3	\$12			\$46	\$58
SON	Petaluma	Transit	Petaluma Transit: Transit Signal Priority System	SystMgmt	SON130020	2	\$100			\$152	\$252
SON	Rohnert Park	Local Road	Copeland Creek Bike Path Reconstruction	Maint/Rehab	SON090032	6	\$70			\$670	\$740
SON	Rohnert Park	Local Road	Rohnert Park Various Streets Preservation	Maint/Rehab	SON130009	2	\$351			\$1,103	\$1,454
SON	Rohnert Park	Local Road	Rohnert Park Streetscape and Pedestrian Imps	SystMgmt	SON130007	2	\$120			\$500	\$620
SON	Santa Rosa	Local Road	SMART Bicycle and Pedestrian Path	Expansion	SON110017	3	\$318			\$948	\$1,266
SON	Santa Rosa	Local Road	Chanate Rd. Pedestrian and Transit Improvements	SystMgmt	SON110018	3	\$588			\$1,045	\$1,633
SON	Santa Rosa	Local Road	Downtown Santa Rosa Streetscape	SystMgmt	SON130006	3	\$94			\$713	\$807
SON	Santa Rosa	Local Road	Santa Rosa Cmpl Sts Road Diet on Transit Corridor	SystMgmt	SON130017	2	\$500			\$2,460	\$2,960
SON	Santa Rosa	Local Road	Roseland Area / Sebastopol Rd Priority Development	SystMgmt	SON130021	2	\$731			\$647	\$1,378
SON	SantaRosa Bus	Transit	Hybrid Electric Bus Purchase (Replacement)	Maint/Rehab	SON070020	16	\$886			\$2,745	\$3,631
SON	SantaRosa Bus	Transit	Santa Rosa CityBus: Preventative Maintenance	Maint/Rehab	SON090024	14	\$2,068			\$7,231	\$9,300
SON	SantaRosa Bus	Transit	Santa Rosa CityBus: Fast-fill CNG Fueling Station	Maint/Rehab	SON110047	3	\$2,760			\$2,760	\$5,520
SON	SantaRosa Bus	Transit	Santa Rosa CityBus: Operating Assistance	Operations	SON090023	11	\$8,652			\$8,652	\$17,305
SON	SantaRosa Bus	Transit	SR City Bus - Capital Maintenance - Fuel	Operations	SON110045	3	\$102			\$512	\$614
SON	SantaRosa Bus	Transit	Santa Rosa City Bus: Transit Enhancements	SystMgmt	SON030012	24	\$89			\$321	\$410
SON	SantaRosa Bus	Transit	Downtown Transit Mall Connectivity Improvements	SystMgmt	SON070012	7	\$722			\$1,736	\$2,458
SON	SantaRosa Bus	Transit	Automated Vehicle Location System	SystMgmt	SON090007	5	\$150			\$888	\$1,038
SON	SantaRosa Bus	Transit	CityBus COA and Service Plan	SystMgmt	SON130018	2	\$13			\$100	\$113
SON	Sebastopol	Local Road	Sebastopol Various Streets and Roads Preservation	Maint/Rehab	SON130004	2	\$33			\$250	\$283
SON	SMART	Transit	Sonoma Marin Area Rail Corridor	Expansion	SON090002	13	\$389,022	\$38,999	\$84,172	\$26,380	\$538,573
SON	Son Ca Reg Park	Local Road	Bodega Bay Trail Segments 1B and 1C	Expansion	SON070008	6	\$817			\$0	\$817
SON	Son Ca Reg Park	Local Road	Central Sonoma Valley Trail	Expansion	SON110050	3	\$125			\$500	\$625
SON	Son Ca Reg Park	Public Lands/Trails	SMART Trail-Hearn Avenue to Joe Rodota Trail	Expansion	SON110013	4	\$502			\$620	\$1,122
SON	Son Co TA	Local Road	Improve U.S. 101/Old Redwood Highway Interchange	Expansion	SON090003	4	\$32,240		\$4,609	\$36,849	\$37,168
SON	Son Co TA	State Highway	Son 101 HOV - Steele Lane to Windsor (North)	Expansion	SON010019	11	\$26,000		\$91,260	\$5,039	\$122,299
SON	Son Co TA	State Highway	Son 101 HOV - Redwood Hwy to Rohnert Park Expwy	Expansion	SON010024	12	\$26,390		\$108,562	\$134,952	\$161,342
SON	Son Co TA	State Highway	US 101/East Washington I/C Reconfiguration	Expansion	SON050015	11	\$7,970		\$1,600	\$11,816	\$21,386
SON	Son Co TA	State Highway	US 101 Marin/Sonoma Narrows (Sonoma)	Expansion	SON070004	17	\$262,378		\$103,160	\$7,162	\$372,700

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SON	Son Co TA	State Highway	US 101 Airport I/C (North B)	SystMgmt	SON090005	5	\$18,700		\$24,108		\$42,808
SON	Son Co Transit	Transit	Sonoma Co Transit: Preventive Maintenance Program	Maint/Rehab	SON030005	24	\$3,179			\$10,030	\$13,209
SON	Son Co Transit	Transit	Sonoma County Transit: Replacement Bus Purchase	Maint/Rehab	SON070024	13	\$1,101			\$3,580	\$3,682
SON	Son Co Transit	Transit	Sonoma County Transit: Bus Yard Rehab.	Maint/Rehab	SON110003	3	\$115			\$460	\$575
SON	Son Co Transit	Transit	Sonoma County Transit: Replacement Bus Purchase	Maint/Rehab	SON110049	6	\$312			\$843	\$1,155
SON	Son Co Transit	Transit	Sonoma County Transit: CNG Bus Replacements	Maint/Rehab	SON130019	2	\$174			\$173	\$347
SON	Son Co Transit	Transit	Sonoma County Transit: Bus Stop Improvement	SystMgmt	SON050021	19	\$28			\$28	\$130
SON	Sonoma City	Local Road	Sonoma Various Streets and Roads Preservation	Maint/Rehab	SON130011	2	\$33			\$250	\$283
SON	Sonoma County	Local Road	Replace Laughlin Bridge over Mark West Crk 20C0246	Expansion	SON050001	14	\$285			\$13,780	\$14,045
SON	Sonoma County	Local Road	Replace Geysers Bridge over Sulpher Crk 20C0005	Expansion	SON090001	10	\$103			\$3,897	\$6,000
SON	Sonoma County	Local Road	Replace Chalk Hill Bridge over Maacama Crk 20C0242	Expansion	SON090025	9			\$0	\$6,773	\$6,773
SON	Sonoma County	Local Road	Replace Lambert Bridge over Dry Creek 20C0248	Expansion	SON090026	8	\$57			\$7,219	\$7,276
SON	Sonoma County	Local Road	Replace West Dry Creek Bridge over Pena Crk 20C0407	Expansion	SON090027	10				\$5,050	\$5,050
SON	Sonoma County	Local Road	Replace Bohan Dillon Bridge over Gualala 20C0435	Expansion	SON110024	6				\$1,970	\$1,970
SON	Sonoma County	Local Road	Replace Hauser Bridge over Gualala River 20C0240	Expansion	SON110025	6				\$6,584	\$6,584
SON	Sonoma County	Local Road	Replace Freestone Flat Bridge over Salmon 20C0440	Expansion	SON110026	6				\$3,257	\$3,257
SON	Sonoma County	Local Road	2011/12 Asphalt Overlay Program	Maint/Rehab	SON110028	3	\$528			\$3,917	\$4,445
SON	Sonoma County	Local Road	Sonoma County Various Streets & Roads Preservation	Maint/Rehab	SON130010	2	\$438			\$3,377	\$3,815
SON	Sonoma County	Local Road	Bodega Highway Pavement Rehabilitation	Maint/Rehab	SON130015	2	\$190			\$1,000	\$1,190
SON	Sonoma County	Local Road	Countywide Safe Routes to Schools Program	SystMgmt	SON110016	5	\$134			\$1,034	\$1,168
SON	Sonoma County	Local Road	Sonoma County - Safe Routes to School Program	SystMgmt	SON130014	3				\$1,379	\$1,379
SON	Sonoma County	Local Road	PDA Planning - Springs Area Plan	SystMgmt	SON150001	1	\$58			\$450	\$508
SON	Sonoma County	Local Road	PDA Planning - Airport Station/Specific Plan Amend	SystMgmt	SON150002	1	\$45			\$350	\$395
SON	Sonoma County	State Highway	Sonoma County Urban Footprint Planning	SystMgmt	SON130001	2	\$32			\$250	\$282
SON	Windsor	Local Road	ORH at Lakewood Dr. Bike and Ped Facilities	Expansion	SON110044	3	\$843			\$609	\$1,452
SON	Windsor	Local Road	Jaguar Way/Windsor Road Bicycle /Ped Improvements	SystMgmt	SON130003	2	\$82			\$630	\$712
SON	Windsor	Local Road	Conde Ln/Johnson St Pedestrian Improvements	SystMgmt	SON130012	2	\$57			\$432	\$489
SON	Windsor	Local Road	Bell Rd/Market St/Windsor River Rd Ped Improvement	SystMgmt	SON130013	2	\$54			\$410	\$464
Totals for Sonoma County							\$842,254	\$38,999	\$503,912	\$202,500	\$1,587,664

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County	Sponsor	System	Project Title	Purpose	TIP ID	Ver	Local Funds	Regional Funds	State Funds	Federal Funds	Total Funding
REG	ACE	Transit	ACE Positive Train Control	SysMgmt	REG110044	6	\$26,543			\$3,457	\$30,000
REG	ACWA	Local Road	Green Star / Cool Schools Program	SysMgmt	REG110016	5	\$113			\$867	\$980
REG	Alameda County	Local Road	Local Government EV Fleet Program	SysMgmt	REG110013	3				\$2,808	\$2,808
REG	BAAQMD	Regional	Spare the Air Program	SysMgmt	REG110006	5	\$480			\$3,700	\$4,180
REG	BAAQMD	Transit	Spare the Air Program	SysMgmt	MTC090015	22	\$1,658		\$2,110	\$12,230	\$15,998
REG	BAIFA	Tollway	Regional Express Lane Network	SysMgmt	REG110004	5	\$34,000	\$241,100			\$275,100
REG	BART	Transit	BART Train Control Renovation	Maint/Rehab	REG130004	18	\$25,800	\$10,678	\$17,500	\$135,999	\$189,977
REG	BART	Transit	BART: Traction Power System Renovation	Maint/Rehab	REG130005	17	\$25,533	\$5,722		\$130,820	\$162,075
REG	BART	Transit	BART Transbay Tube Seismic Retrofit	Maint/Rehab	REG130003	7	\$174,712	\$44,598	\$56,865		\$276,175
REG	BART	Transit	BART: Rail, Way and Structures Program	Maint/Rehab	REG191008	15	\$23,900	\$4,000		\$123,500	\$151,400
REG	BART	Transit	BART Car Exchange (Preventive Maintenance)	Maint/Rehab	REG050020	17	\$314,241			\$292,873	\$607,114
REG	BART	Transit	BART: Railcar Procurement Program	Maint/Rehab	REG090037	8	\$1,909,260			\$67,626	\$1,976,886
REG	BART	Transit	ADA Paratransit Capital Accessibility Improve	SysMgmt	REG199701B	12	\$5,834	\$1,000		\$27,224	\$34,058
REG	Caltrain	Transit	Caltrain: Revenue Vehicle Rehab Program	Maint/Rehab	REG090051	10	\$1,638			\$6,546	\$8,184
REG	Caltrain	Transit	Caltrain: Preventive Maintenance	Maint/Rehab	REG090053	8	\$2,736			\$11,977	\$14,713
REG	Caltrain	Transit	Caltrain Transit Asset Management System (CTAMS)	Maint/Rehab	REG110025	4				\$750	\$750
REG	Caltrain	Transit	Caltrain: Systemwide Track Rehab & Related Struct.	Maint/Rehab	SM-03008B	16	\$20,754	\$2,167		\$82,115	\$105,036
REG	Caltrain	Transit	Caltrain: Signal/Communication Rehab. & Upgrades	Maint/Rehab	SM-050041	19	\$8,070			\$31,399	\$39,469
REG	Caltrain	Transit	Caltrain Positive Train Control System	SysMgmt	REG110030	6	\$70,127	\$113,360		\$47,513	\$231,000
REG	Caltrans	Local Road	GL: Safety Improvements - SRTS	Expansion	VAR110012	4	\$708			\$15,249	\$15,958
REG	Caltrans	Local Road	GL: Bridge Rehab/Recon. - Local Hwy Bridge Program	Maint/Rehab	VAR110045	8	\$32,937		\$7,918	\$415,516	\$456,371
REG	Caltrans	State Highway	GL: Safety Improvements - SHOPP Mobility Program	Maint/Rehab	VAR110001	6		\$149,806			\$149,806
REG	Caltrans	State Highway	GL: Pavement Resurf./Rehab - SHOPP Roadway Presv.	Maint/Rehab	VAR110003	6		\$391,439			\$391,439
REG	Caltrans	State Highway	GL: Safety Imprv. - SHOPP Collision Reduction	Maint/Rehab	VAR110005	9		\$245,404			\$245,404
REG	Caltrans	State Highway	GL: Emergency Repair - SHOPP Emergency Response	Maint/Rehab	VAR110005	9		\$347,955			\$347,955
REG	Caltrans	State Highway	GL: Pvmnt Resurf./Rehab SHS - Highway Maint.	Maint/Rehab	VAR110031	4		\$23,588		\$13,007	\$36,595
REG	Caltrans	State Highway	GL: Safety Improvements - SHOPP Minor	Maint/Rehab	VAR110037	4		\$15,058			\$15,058
REG	Caltrans	State Highway	GL: Bridge Rehab and Reconstruction - SHOPP	Maint/Rehab	VAR110042	7		\$52,188			\$52,188
REG	Caltrans	State Highway	Statewide Archaeological Reburial Database	Other	REG110044	7		\$568,625			\$568,625
REG	Caltrans	State Highway	Cultural Resources Legacy Data Database	Other	REG110022	3				\$575	\$575
REG	Caltrans	State Highway	Geoarchaeological Study of Route 101 Corridor	Other	REG110023	3				\$1,630	\$1,630
REG	Caltrans	State Highway	Geographical Study of Route 101 Corridor	Other	REG110024	3				\$358	\$358
REG	Caltrans	Transit	GL: Safety Imprv - Highway Safety Improvement Prog	SysMgmt	VAR110007	9	\$14,408			\$51,697	\$66,106
REG	Caltrans	Transit	GL: Elderly & Persons with Disability Program	Expansion	REG150001	1	\$700			\$7,000	\$7,700
REG	Caltrans	Transit	GL: FTA Non-Urbanized Formula Program	Operations	REG110042	6				\$7,921	\$7,921
REG	Caltrans	Transit	GL: Railroad/Highway Crossings	SysMgmt	REG110041	7	\$9,125			\$5,958	\$15,083
REG	MTC	Local Road	Regional Streets and Roads Program	Maint/Rehab	VAR110046	3				\$3,212	\$3,212
REG	MTC	Local Road	Regional Arterial Operations & Signal Timing Prog	SysMgmt	REG090039	8	\$2,490			\$13,200	\$15,690
REG	MTC	Local Road	Parking Pricing Regional Analysis	SysMgmt	REG090046	10	\$2,910			\$13,250	\$16,160
REG	MTC	Local Road	Transit Oriented Affordable Housing	SysMgmt	REG110029	4	\$140			\$560	\$700
REG	MTC	Regional	Regional Bicycle Sharing Program	Expansion	REG130005	2	\$20,000				\$20,000
REG	MTC	Regional	Regional Planning Activities and PPM - MTC	SysMgmt	REG110010	9	\$1,949	\$1,663		\$15,816	\$19,428
REG	MTC	Regional	Regional Planning Activities - ABAG	SysMgmt	REG090040	12	\$1,637		\$2,200	\$8,187	\$10,965
REG	MTC	Regional	Regional Planning Activities - BCDC	SysMgmt	REG090041	10	\$464			\$4,909	\$6,546
REG	MTC	Regional	511 Traveler Information	SysMgmt	REG090042	12	\$20,790			\$83,270	\$104,060
REG	MTC	Regional	Climate Initiatives Program Public Education	SysMgmt	REG090065	9	\$3,250			\$7,793	\$11,043
REG	MTC	Regional	Climate Initiatives Evaluation and Administration	SysMgmt	REG090066	5				\$3,200	\$3,200
REG	MTC	Regional	Electric Vehicle Funding Strategies	SysMgmt	REG110011	8	\$333			\$2,000	\$2,333
REG	MTC	Regional	Regional Planning - PDA Implementation	SysMgmt	REG110037	6	\$1,296			\$10,000	\$11,296
REG	MTC	Regional	Climate Change Adaptation & Vulnerability Assessment	SysMgmt	REG110043	3	\$600			\$600	\$1,200
REG	MTC	Regional	Regional Car Sharing	SysMgmt	REG130007	2				\$2,000	\$2,000

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REG	MTC	Regional	Transportation Demand Management	SystMgmt	REG130008	2				\$6,000	\$6,000
REG	MTC	State Highway	Freeway Performance Initiative (FPI)	SystMgmt	REG090003	30	\$85,899		\$108,775	\$146,215	\$340,889
REG	MTC	Tollway	Toll Bridge Maintenance	Maint/Rehab	REG130001	2		\$72,000			\$72,000
REG	MTC	Tollway	Toll Bridge Rehabilitation Program	Maint/Rehab	REG130002	2		\$628,906			\$628,906
REG	MTC	Transit	Safe Routes to Transit	Expansion	MTC050021	6		\$20,000			\$20,000
REG	MTC	Transit	Station Area Planning Program & Implementation	Expansion	REG110014	5	\$1,112			\$8,305	\$9,417
REG	MTC	Transit	GL: JARC FY 09 - FY 10 - Large UA	Operations	REG090002	11	\$16,512		\$100	\$2,663	\$19,275
REG	MTC	Transit	GL: JARC FY11-FY12 Large UA	Operations	REG110032	8	\$3,107			\$2,985	\$6,091
REG	MTC	Transit	GL: 5307 JARC Set-aside FY13-FY14 Large UA	Operations	REG110039	5	\$3,195			\$3,195	\$6,389
REG	MTC	Transit	Transit Commute Benefits Promotion	SystMgmt	MTC050001	7		\$5,000			\$5,000
REG	MTC	Transit	Real-time Transit Information Program	SystMgmt	MTC050020	7	\$1,000	\$20,000			\$21,000
REG	MTC	Transit	Transit Capital Inventory Improvements	SystMgmt	REG050013	6	\$150	\$100		\$1,000	\$1,250
REG	MTC	Transit	Clipper Fare Collection System	SystMgmt	REG090045	16	\$15,516	\$23,154		\$70,758	\$109,428
REG	MTC	Transit	GL: FY10 JARC Mobility Management	SystMgmt	REG110028	5	\$169			\$805	\$974
REG	MTC-SAFE	State Highway	Incident Management Program	SystMgmt	REG090044	15	\$6,463			\$29,240	\$35,703
REG	MTC-SAFE	State Highway	FSP and Call Box Program	SystMgmt	REG130003	5	\$4,500			\$14,462	\$18,962
REG	Natl Park Svc	Local Road	Golden Gate Nat'l Rec. Area Road Rehab	Maint/Rehab	SF-030002	13	\$59			\$53,640	\$53,640
REG	Natl Park Svc	Public Lands/Trails	GL: US 206 Recreational Grants	Maint/Rehab	REG110040	3	\$2,018			\$428	\$487
REG	Natl Park Svc	Public Lands/Trails	Golden Gate Nat'l Rec. Area Non-Motorized Access	Maint/Rehab	SF-050045	9				\$13,671	\$15,689
REG	Natl Park Svc	Transit	Golden Gate Nat'l Rec. Area Water Transit Planning	SystMgmt	SF-090024	5	\$194			\$1,897	\$1,897
REG	Natl Park Svc	Transit	Golden Gate Nat'l Rec. Area Transit Enhancements	SystMgmt	SF-090027	5	\$331			\$3,304	\$3,498
REG	SF County TA	Local Road	eFleet: Carsharing Electrified	Expansion	REG110012	8	\$128			\$1,700	\$2,031
REG	SFMTA	Local Road	Electric Vehicle Taxis	SystMgmt	REG110038	5	\$146			\$988	\$1,116
REG	Son Co TA	Regional	Regional Dynamic Ridesharing Pilot	SystMgmt	REG110015	7	\$20,450	\$14,615	\$25,184	\$2,375	\$2,521
REG	WETA	Transit	Ferry Service - Berkeley/Albany	Expansion	MTC050027	16	\$59,483	\$9,280		\$5,032	\$65,281
REG	WETA	Transit	WETA Ferry Expansion Studies	Expansion	MTC050028	6	\$1,000		\$30,000	\$2,500	\$9,280
REG	WETA	Transit	SF Ferry Terminal/Berthing Facilities	Expansion	REG070003	5		\$19,308			\$111,291
REG	WETA	Transit	Treasure Island Ferry Service	Expansion	REG110001	3			\$15,250		\$1,000
REG	WETA	Transit	Maintenance Barge and Emergency Floats and Ramps	Expansion	REG090054	10	\$659			\$2,636	\$15,250
REG	WETA	Transit	WETA: Ferry Channel & Berth Dredging	Maint/Rehab	REG090055	8	\$4,873			\$2,636	\$3,295
REG	WETA	Transit	WETA: Ferry Propulsion System Replacement	Maint/Rehab	REG090057	12	\$678	\$640		\$19,484	\$24,357
REG	WETA	Transit	WETA: Ferry Major Component Rehab/Replacement	Maint/Rehab	REG090067	10	\$1,005	\$306		\$5,194	\$6,512
REG	WETA	Transit	WETA: Fixed Guideway Connectors	Maint/Rehab	REG110020	5	\$66			\$5,243	\$6,554
REG	WETA	Transit	WETA: Facilities Rehabilitation	Maint/Rehab	REG110021	4				\$264	\$331
REG	WETA	Transit	WETA: Revenue Vehicle Communication Equipment	Maint/Rehab	VAR130004	3				\$182	\$182
VAR	Caltrans	State Highway	GL: Shoulder Imprv - SHOPP Roadside Preservation	Maint/Rehab	VAR130001	4			\$38,092		\$38,092
VAR	Dept Parks&Rec	Public Lands/Trails	GL: Recreational Trails Program	Expansion	VAR130004	3	\$5,684			\$1,003	\$6,686
VAR	MTC	Transit	GL: JARC FY12 Small UA & Rural	Operations	VAR130002	3	\$309			\$476	\$785
VAR	MTC	Transit	GL: New Freedom FY12 Small UA & Rural	Operations	VAR130003	2	\$200			\$585	\$785
VAR	MTC	Transit	GL: New Freedom FY12 Large UA	Operations	VAR130005	2	\$2,025			\$2,003	\$4,028
Totals for Multiple Counties							\$2,996,643	\$1,124,236	\$2,211,417	\$2,078,781	\$8,411,077
Totals for the Region							\$26,573,351	\$2,577,266	\$9,133,508	\$10,361,708	\$48,645,832

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ALA	AC Transit	Transit	AC Transit: East Bay Bus Rapid Transit	Expansion	ALA150004	\$78,498	\$61,958	\$9,940			\$27,590	\$177,986
ALA	AC Transit	Transit	AC Transit: Facilities Upgrade	Main/Rehab	ALA010034	\$44,020						\$44,020
ALA	AC Transit	Transit	AC Transit: State of Good Repair Program	Main/Rehab	ALA110008	\$7,403						\$7,403
ALA	AC Transit	Transit	AC Transit: Procure (23) 60' Articulated Buses	Main/Rehab	ALA110091	\$18,754						\$18,754
ALA	AC Transit	Transit	AC Transit: Procure (38) 40-ft Urban Buses	Main/Rehab	ALA110092	\$17,815						\$17,815
ALA	AC Transit	Transit	AC Transit: Replace 16 40' Suburban Buses	Main/Rehab	ALA110093	\$7,937						\$7,937
ALA	AC Transit	Transit	AC Transit: Farebox Replacement	Main/Rehab	ALA110106	\$11,875						\$11,875
ALA	AC Transit	Transit	AC Transit: Bus Diesel Particulate Filters	Main/Rehab	ALA110116	\$1,590						\$1,590
ALA	AC Transit	Transit	AC Transit: Procure (28) 40-ft Urban Buses	Main/Rehab	ALA110117	\$14,320						\$14,320
ALA	AC Transit	Transit	AC Transit: Procure (40) 40-ft Urban Buses	Main/Rehab	ALA110118	\$20,459						\$20,459
ALA	AC Transit	Transit	AC Transit: Replace 27 40' Urban Buses	Main/Rehab	ALA110123	\$13,037						\$13,037
ALA	AC Transit	Transit	AC Transit: Replace 38 40' Suburban Buses	Main/Rehab	ALA110124	\$19,400						\$19,400
ALA	AC Transit	Transit	AC Transit: Procure (27) 60' Artic Hybrid Buses	Main/Rehab	ALA130002	\$27,582						\$27,582
ALA	AC Transit	Transit	AC Transit: Paratransit Van Replacement	Main/Rehab	ALA090052	\$16,671						\$16,671
ALA	AC Transit	Transit	AC Transit: Preventive Maintenance Program	Main/Rehab	ALA091070	\$392,438						\$392,438
ALA	AC Transit	Transit	AC Transit: ADA Paratransit Assistance	Operations	ALA090076	\$103,138						\$103,138
ALA	AC Transit	Transit	AC Transit: Transit Security Projects	Sys/Mgmt	ALA050064	\$27,950	\$2,148	\$2,148				\$34,395
ALA	AC Transit	Transit	AC Transit: Zero Emission Bus Advanced Demo	Sys/Mgmt	ALA070046	\$40,300					\$21,543	\$61,843
ALA	AC Transit	Transit	AC Transit: Line 51 Corridor	Sys/Mgmt	ALA110100	\$10,516						\$10,516
ALA	AC Transit	Transit	AC Transit: San Leandro BART Imprv	Sys/Mgmt	ALA110105	\$3,929						\$3,929
ALA	AC Transit	Transit	AC Transit: Spectrum Ridership Growth	Sys/Mgmt	ALA110119	\$2,036						\$2,036
ALA	ACE	Transit	ACE Track Improvements	Main/Rehab	ALA010056	\$15,162						\$15,162
ALA	ACE	Transit	ACE Signal System Rehabilitation	Main/Rehab	ALA050043	\$4,579						\$4,579
ALA	ACE	Transit	ACE: Rebuild Diesel Locomotives	Main/Rehab	ALA090060	\$954						\$954
ALA	ACE	Transit	ACE Preventative Maintenance	Main/Rehab	ALA110099	\$3,202						\$3,202
ALA	ACTC	Local Road	Alameda County SR25 Local	Expansion	ALA110098	\$1,300						\$1,300
ALA	ACTC	Local Road	Bikemobile: Bike Repair and Encouragement Vehicle	Sys/Mgmt	ALA110009	\$576						\$576
ALA	ACTC	Local Road	Alameda County Safe Routes to School	Sys/Mgmt	ALA110033	\$8,631						\$8,631
ALA	ACTC	Local Road	Local PDA Planning - Alameda	Sys/Mgmt	ALA110122	\$4,411						\$4,411
ALA	ACTC	State Highway	I-580 (TriValley) Right of Way Preservation	Expansion	ALA050006	\$9,700						\$9,700
ALA	ACTC	State Highway	SR 84 Expressway Widening	Expansion	ALA050014	\$49,510	\$60,809					\$110,319
ALA	ACTC	State Highway	I-880 North Safety Improvements	Expansion	ALA050019	\$101,969						\$101,969
ALA	ACTC	State Highway	I-580 (TriValley) Corridor - WB HOV & Connectors	Expansion	ALA070018	\$136,819						\$136,819
ALA	ACTC	State Highway	I-580 (TriValley) Corridor - EB HOV Lanes	Expansion	ALA070020	\$179,290						\$179,290
ALA	ACTC	State Highway	I-880 SB HOV Lanes - Marina Blvd to Hegenberger	Expansion	ALA070042	\$115,674	\$905					\$116,579
ALA	ACTC	State Highway	I-580 WB Auxiliary Lane, First to Isabel	Expansion	ALA090025	\$1,000						\$1,000
ALA	ACTC	State Highway	I-880/Industrial Parkway West Interchange	Expansion	ALA110002	\$2,000			\$3,000			\$5,000
ALA	ACTC	State Highway	I-680 NB HOV/HOT Lane	Expansion	ALA130034	\$8,500	\$9,000	\$2,000				\$205,000
ALA	ACTC	State Highway	Route 84 widening, Pigeon Pass to I-680	Expansion	ALA150001	\$4,000						\$80,000
ALA	ACTC	State Highway	East-West Connector in Fremont & Union City	Expansion	ALA070004	\$88,871	\$2,300					\$91,171
ALA	ACTC	State Highway	I-80 Integrated Corridor Mobility Project	Sys/Mgmt	ALA070041	\$92,855						\$92,855
ALA	ACTC	State Highway	I-580 WB HOT Corridor Project	Sys/Mgmt	ALA090004	\$23,393						\$23,393
ALA	ACTC	State Highway	Truck Parking Facilities in North County (Phase I)	Sys/Mgmt	ALA090018	\$1,000	\$146					\$1,146
ALA	ACTC	State Highway	Corridor Mobility Program & Adaptive Ramp Metering	Sys/Mgmt	ALA090019	\$350		\$7,283				\$7,633
ALA	ACTC	State Highway	I-580 Landscaping in the City of San Leandro	Sys/Mgmt	ALA090067	\$1,600						\$1,600
ALA	ACTC	State Highway	I-580 Oakland 14th to Arday Noise Barriers	Sys/Mgmt	ALA110004	\$29,579	\$2,000					\$31,579
ALA	ACTC	State Highway	I-580 Eastbound Express/HOT Lanes	Sys/Mgmt	ALA130031	\$594						\$594
ALA	ACTC	Transit	ALA-Community-Based Transportation Plan Updates	Sys/Mgmt	ALA110107	\$25,000						\$25,000
ALA	ACTC/Oak/Ala	State Highway	I-880/Broadway-Jackson Interchange	Sys/Mgmt	ALA070002	\$170	\$659	\$5,600				\$6,429
ALA	Alameda	Local Road	Alameda City Complete Streets	Main/Rehab	ALA130022	\$2,495						\$2,495
ALA	Alameda	Local Road	City of Alameda - Park St Streetscape	Sys/Mgmt	ALA070022	\$963						\$963
ALA	Alameda County	Local Road	Shoreline Dr. Westline Dr and Broadway Bike Lanes	Sys/Mgmt	ALA110085	\$33,858	\$2,294					\$36,152
ALA	Alameda County	Local Road	Alameda: Vasco Road Safety Improvements	Expansion	ALA030002	\$700	\$3,700					\$4,400
ALA	Alameda County	Local Road	Estuary Bridges Seismic Retrofit and Repairs	Main/Rehab	ALA090022	\$1,000	\$500					\$1,500
ALA	Alameda County	Local Road	Fruitvale Ave Roadway Bridge Retrofit	Main/Rehab	ALA090023	\$2,412						\$2,412
ALA	Alameda County	Local Road	Alameda County Rural Roads Pavement Rehab	Main/Rehab	ALA090069	\$1,279						\$1,279
ALA	Alameda County	Local Road	Alameda Co - Central Unincorporated Pavement Rehab	Main/Rehab	ALA110026	\$113	\$1,768					\$1,881
ALA	Alameda County	Local Road	Alameda Co-Various Streets and Roads Preservation	Main/Rehab	ALA130018							

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(All funding shown in \$1,000s)

Report Sorted by County, Sponsor, System, Purpose and TIP ID

County	Sponsor	System	Project Title	Purpose	TIP ID	Prior	FY 14/15	FY 15/16	FY 16/17	FY 17/18	Future	Total Funding
ALA	Alameda County	Local Road	Crow Canyon Safety Improvements	SystMgmt	ALA010003	\$950		\$550	\$1,000			\$2,500
ALA	Alameda County	Local Road	Cherryland/Ashland/Castro Valley/Fairview Sidwalk Imp	SystMgmt	ALA050035	\$5,921	\$400					\$6,321
ALA	Alameda County	Local Road	Niles Canyon Rd (SR 84)/Pleasant Sunol Rd Inter. Imps	SystMgmt	ALA150002		\$500	\$2,000				\$2,500
ALA	Alameda County	Local Road	E. 14th St/Mission Blvd Streetscape	SystMgmt	ALA991077	\$3,696	\$2,000					\$5,696
ALA	Albany	Local Road	BART - Buchanan Bicycle and Pedestrian Path	Expansion	ALA110030	\$821,000	\$69,000					\$890,000
ALA	BART	Transit	BART - Warm Springs Extension	Expansion	ALA050015	\$122,000						\$122,000
ALA	BART	Transit	Hayward Shop and Yard Expansion	Expansion	ALA110003	\$14,799						\$14,799
ALA	BART	Transit	BART to Livermore Extension - Develop EIR	Expansion	ALA130032	\$40						\$8,500
ALA	BART	Transit	BART Metro Priority Track Elements	Expansion	ALA130032	\$40						\$8,500
ALA	BART	Transit	BART Oakland Airport Connector	Expansion	BRT190002	\$484,000						\$484,000
ALA	BART	Transit	BART: Fare Collection Equipment	Maint/Rehab	ALA090065	\$18,345						\$18,345
ALA	BART	Transit	MacArthur BART Plaza Remodel	Maint/Rehab	ALA090068	\$4,015						\$4,015
ALA	BART	Transit	Enterprise Asset Management	Maint/Rehab	ALA110090	\$2,500						\$2,500
ALA	BART	Transit	BART Train Car Accident Repair	Maint/Rehab	ALA110121	\$1,687						\$1,687
ALA	BART	Transit	BART Station Electronic Bike Lockers, Ph. 2	SystMgmt	ALA070051	\$543						\$543
ALA	BART	Transit	Downtown Berkeley BART Plaza/Transit Area Imps.	SystMgmt	ALA110032	\$2,978	\$4,715	\$3,726				\$11,419
ALA	BART	Transit	Bicycle Lockers at Capitol Corridor Stations	SystMgmt	ALA110115	\$581						\$581
ALA	Berkeley	Local Road	Berkeley Bay Trail Extension - Segment One	Expansion	ALA090062	\$2,681						\$2,681
ALA	Berkeley	Local Road	City of Berkeley Transportation Action Plan - TDM	SystMgmt	ALA110007	\$2,260						\$2,260
ALA	Berkeley	Local Road	Shattuck Complete Streets and De-couplet	SystMgmt	ALA130026	\$610	\$3,152					\$3,762
ALA	Berkeley	Local Road	Hearst Avenue Complete Streets	SystMgmt	ALA130028	\$545		\$2,866				\$3,411
ALA	Berkeley	Local Road	Bay Trail Shoreline Access Staging Area Project	Expansion	ALA130035		\$281	\$1,859				\$2,140
ALA	Berkeley	State Highway	I-80 Gilman Interchange Reconfiguration	Expansion	ALA050079	\$2,392					\$4,567	\$6,959
ALA	Caltrans	State Highway	I-238 Widening/Replacement Planting	Expansion	ALA070060	\$4,059						\$4,059
ALA	Caltrans	State Highway	I-580 N. Flynn-Greenville EB Truck Climbing Lane	Expansion	ALA090028	\$77,400						\$77,400
ALA	Caltrans	State Highway	I-880/SR 262 I/C and HOV lanes	Expansion	ALA978027	\$131,304						\$131,304
ALA	Caltrans	State Highway	I-680 Sunol Grade Southbound HOV Lanes - SCL Final	Expansion	ALA978027	\$8,308						\$8,308
ALA	Caltrans	State Highway	Reconst I-880/SR92 Inter - Repl Planting & Irrigat	Expansion	SCL991077							\$1,260
ALA	Caltrans	Transit	Environmental Study for ACE Alignment	Maint/Rehab	ALA130029		\$1,260					\$1,260
ALA	Dublin	Local Road	Alamo Canal Regional Trail, I-580 Undercrossing	Expansion	ALA110086	\$300						\$300
ALA	Dublin	Local Road	West Dublin BART Golden Gate Drive Streetscape	Expansion	ALA090066	\$2,651						\$2,651
ALA	Dublin	Local Road	Dougherty Road widening	Expansion	ALA110034	\$1,886						\$1,886
ALA	Dublin	Local Road	Dublin Boulevard widening	Expansion	ALA130005	\$3,260	\$15,600					\$18,860
ALA	Dublin	Local Road	Dublin Blvd. - North Canyons Pkwy Ext. Study	Expansion	ALA130006	\$4,200						\$4,200
ALA	Dublin	Local Road	Dublin Citywide Street Resurfacing	Expansion	ALA150003		\$350					\$350
ALA	Dublin	Local Road	Dublin Boulevard Preservation	Maint/Rehab	ALA110024	\$672						\$672
ALA	EB Reg Park Dis	Public Lands/Trails	East Bay Parks Green Transportation Initiative	Maint/Rehab	ALA130012	\$91	\$638					\$729
ALA	Emeryville	Local Road	Emeryville - Hollis Street Preservation	Expansion	ALA110011	\$17,810						\$17,810
ALA	Fremont	Local Road	Widen Kato Rd from Warren Avenue to Milmont Drive	Maint/Rehab	ALA130021	\$11	\$701					\$712
ALA	Fremont	Local Road	Fremont City Center Multi-Modal Improvements	Expansion	ALA130001	\$150	\$250			\$2,000		\$12,690
ALA	Fremont	Local Road	Fremont Various Streets and Roads Preservation	Expansion	ALA130025	\$12,181	\$2,161					\$14,342
ALA	Fremont	Local Road	Fremont CBD/Midtown Streetscape	Maint/Rehab	ALA130020	\$3,912						\$3,912
ALA	Fremont	Local Road	Walnut Argonaut Lane Reduction & Roundabout	SystMgmt	ALA110012	\$2,101						\$2,101
ALA	Hayward	Local Road	Route 238 Corridor Improvement	SystMgmt	ALA110045	\$585						\$585
ALA	Hayward	Local Road	Hayward - Industrial Boulevard Preservation	Expansion	ALA977007	\$100,500						\$100,500
ALA	Hayward	Local Road	South Hayward BART Area/Dixon Street Streetscape	Maint/Rehab	ALA130013	\$80	\$1,429					\$1,509
ALA	Hayward	State Highway	Rt 92/Clawiter/Whitesell Interchange Improvements	SystMgmt	ALA110035	\$2,315						\$2,315
ALA	Hayward	State Highway	I-880 Auxiliary lanes at Industrial Parkway	Expansion	ALA090016	\$10,800	\$1,900	\$2,000			\$42,300	\$55,000
ALA	Hayward	State Highway	I-880 NB and SB Auxiliary lanes	Expansion	ALA090020		\$1,760	\$2,000			\$6,040	\$9,800
ALA	LAVTA	Transit	LAVTA: Preventive Maintenance	Expansion	ALA090021		\$2,000				\$21,190	\$23,190
ALA	LAVTA	Transit	LAVTA: Video Bus Restoration	Maint/Rehab	ALA030030	\$11,692						\$11,692
ALA	LAVTA	Transit	LAVTA - East Bay Radio Communication System Hookup	Maint/Rehab	ALA110005	\$200						\$200
ALA	LAVTA	Transit	LAVTA: ADA Paratransit Operating Subsidy	Operations	ALA110095	\$840						\$840
ALA	Livermore	Local Road	Livermore Various Streets Preservation	Maint/Rehab	ALA990077	\$5,279						\$5,279
ALA	Livermore	Local Road	Livermore TOD Study at I-580/SR84	Maint/Rehab	ALA130010	\$1,366						\$1,366
ALA	Livermore	Transit	Livermore Relocation and Restoration of R/R Depot	SystMgmt	ALA110120	\$50	\$595					\$645
ALA	MTA	Local Road	SFOBB Gateway Park	Maint/Rehab	ALA130011	\$300	\$2,825					\$3,125
ALA	MTA	Local Road	Improved Bike/Ped Access to East Span of SFOBB	Expansion	ALA110104	\$5,500	\$0	\$11,000				\$16,500
ALA	MTA	Local Road		Expansion	ALA130030	\$1,000	\$3,500					\$36,500

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ALA	MTC	Local Road	Regional Planning Activities and PPM - Alameda	SystMgmt	ALA090030	\$19,396			\$866	\$750	\$565	\$21,597
ALA	Newark	Local Road	Newark - Cedar Blvd and Jarvis Ave Pavement Rehab	Maint/Rehab	ALA110016	\$800						\$800
ALA	Newark	Local Road	Central Avenue Railroad Overpass at UPRR	SystMgmt	ALA010052	\$4,346	\$2,235	\$10,765			\$1,735	\$19,081
ALA	Newark	Local Road	Enterprise Drive Complete Streets and Road Diet	SystMgmt	ALA130027		\$760					\$760
ALA	Oakland	Local Road	Oakland Waterfront Bay Trail	Expansion	ALA070039	\$7,299	\$500				\$52,000	\$59,799
ALA	Oakland	Local Road	Oakland Bay Trail to Lake Merritt Bike/Ped Bridge	Expansion	ALA130003	\$200	\$1,800					\$2,000
ALA	Oakland	Local Road	Oakland 19th Street Uptown Bike Station	Expansion	ALA130004	\$606						\$606
ALA	Oakland	Local Road	42nd Ave. & High St. I-880 Access Improv.	Expansion	ALA091081	\$7,790	\$2,000				\$7,736	\$17,526
ALA	Oakland	Local Road	Various Streets Resurfacing and Bikeway Facilities	Maint/Rehab	ALA110006	\$4,823						\$4,823
ALA	Oakland	Local Road	Oakland Complete Streets	Maint/Rehab	ALA130016		\$528	\$3,823				\$4,351
ALA	Oakland	Local Road	Lake Merritt Improvement Project	SystMgmt	ALA110072	\$828						\$828
ALA	Oakland	Local Road	7th Street West Oakland Transit Village, Phase II	SystMgmt	ALA130014	\$352			\$3,744			\$4,096
ALA	Oakland	Local Road	Lake Merritt BART Bikeways	SystMgmt	ALA130015	\$305	\$2,484					\$2,789
ALA	Oakland	Local Road	Oakland - Peralta and MLK Blvd Streetscape Phase I	SystMgmt	ALA130017	\$480	\$6,159					\$6,639
ALA	Oakland	Local Road	Lakeside Complete Streets and Road Diet	SystMgmt	ALA130024	\$965	\$0	\$12,740				\$13,705
ALA	Oakland	Port/Freight Rail	Oakland Army Base Infrastructure Improvements	Expansion	ALA110046	\$202,580	\$12,700					\$215,280
ALA	Piedmont	Local Road	Piedmont Complete Streets (CS)	Maint/Rehab	ALA130019	\$27	\$533					\$560
ALA	Pleasanton	Local Road	Pleasanton - Foothill/I-580 IC Bike/Ped Facilities	Expansion	ALA110031	\$1,004						\$1,004
ALA	Pleasanton	Local Road	Pleasanton Complete Streets	Maint/Rehab	ALA130009	\$55	\$1,015					\$1,070
ALA	Pleasanton	State Highway	I-680/Bernal Avenue interchange improvements	Expansion	ALA090010	\$4,000						\$4,000
ALA	Pleasanton	State Highway	I-580 / Foothill Road interchange improvements	Expansion	ALA090013	\$3,750						\$3,750
ALA	Port of Oakland	Port/Freight Rail	7th Street Grade Separation and Roadway Improvement	Expansion	ALA090027	\$34,474			\$2,000	\$184,030		\$220,504
ALA	Port of Oakland	Port/Freight Rail	California Inter-regional Rail Intermodal Study	Expansion	ALA070054	\$984						\$984
ALA	Port of Oakland	Port/Freight Rail	Outer Harbor Intermodal Terminals (OHT)	Expansion	ALA090026	\$104,000	\$2,000					\$106,000
ALA	Port of Oakland	Local Road	Shore Power Initiative	SystMgmt	ALA110010	\$13,243						\$13,243
ALA	San Leandro	Local Road	SR 185 - E. 14th St/ Hesperian Blvd/150th Ave	Expansion	ALA050002	\$3,400						\$3,400
ALA	San Leandro	Local Road	San Leandro Boulevard Preservation	Maint/Rehab	ALA130008	\$71	\$1,476					\$1,547
ALA	San Leandro	Local Road	San Leandro Downtown-BART Pedestrian Interface	SystMgmt	ALA110027	\$6,214						\$6,214
ALA	San Leandro	State Highway	I-880/SR 112 Overcrossing Replacement	Expansion	ALA070014	\$5,589						\$5,589
ALA	San Leandro	State Highway	I-880/Marina Blvd Interchange and Overcrossing Rep	Expansion	ALA090012	\$23,900	\$2,000					\$25,900
ALA	Union C Transit	Transit	Union City Transit: Replace Two 35' Buses	Maint/Rehab	ALA090031	\$22						\$22
ALA	Union C Transit	Transit	Union City: Replacement of Four (4) Transit Buses	Maint/Rehab	ALA090061	\$2,074						\$2,074
ALA	Union C Transit	Transit	Union City: Replacement of Two (2) Transit Buses	Maint/Rehab	ALA110114	\$1,191						\$1,191
ALA	Union C Transit	Transit	Union City: Replacement of Two (2) Transit Buses	Maint/Rehab	ALA130033	\$736						\$736
ALA	Union City	Local Road	Union City Blvd Corridor Bicycle Imp. Phase 1	Expansion	ALA110028	\$1,860						\$1,860
ALA	Union City	Local Road	Whipple Road Pavement Rehabilitation	Maint/Rehab	ALA130023	\$25	\$736					\$761
ALA	Union City	Transit	Union City Intermodal Station Infrastructure	Expansion	ALA090015	\$23,020						\$23,020
ALA	Union City	Transit	Union City Intermodal Station Infrastructure	Expansion	ALA090015	\$61,276						\$61,276
ALA	Union City	Transit	Union City BART East Plaza Enhancements	SystMgmt	ALA110036	\$9,520						\$9,520
ALA	WETA	Transit	Central Bay Operations and Maintenance Facility	Expansion	ALA110001	\$38,175						\$38,175
Totals for Alameda County						\$4,304,349	\$282,931	\$61,190	\$78,747	\$13,350	\$847,657	\$5,588,225

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CC	AC Transit	Transit	AC Transit: Richmond Pkwy Transit Center	Expansion	CC-030001	\$18,800						\$18,800
CC	Antioch	Local Road	Antioch - Wilbur Ave Bridge Widening	Expansion	CC-050002	\$15,220						\$15,220
CC	Antioch	Local Road	Somersville Road Widening	Expansion	CC-070004	\$700					\$10,000	\$10,700
CC	Antioch	Local Road	Hillcrest Ave Extension	Expansion	CC-070005	\$50		\$300			\$2,000	\$2,350
CC	Antioch	Local Road	Sand Creek Road Extension	Expansion	CC-070006	\$50		\$300			\$2,350	\$2,350
CC	Antioch	Local Road	Antioch - Empire Road Widening	Expansion	CC-070007	\$300		\$200	\$1,000			\$1,500
CC	Antioch	Local Road	Laurel Road Extension	Expansion	CC-070008	\$900	\$50				\$5,000	\$5,950
CC	Antioch	Local Road	Slatten Ranch Road Extension - Lone Tree to Laurel	Expansion	CC-070009	\$350	\$1,000				\$1,350	\$1,350
CC	Antioch	Local Road	Antioch - Wild Horse Road Extension	Expansion	CC-070010	\$205	\$2,000					\$2,205
CC	Antioch	Local Road	Fitzuren Road Widening & Realignment	Expansion	CC-090011	\$1,000	\$1,000				\$8,000	\$10,000
CC	Antioch	Local Road	Antioch Ninth Street Preservation	Maint/Rehab	CC-130019	\$50	\$1,530					\$1,580
CC	Antioch	Local Road	Antioch - SRTS Pedestrian Improvements	SystMgmt	CC-130022	\$20	\$500					\$520
CC	BAIFA	Tollway	I-680 Express Lane: Alcosta to Livorna/Rudgear	SystMgmt	CC-130043	\$7,500	\$40,300					\$47,800
CC	BART	Local Road	Richmond Transit Village Transit & Ped Imps	SystMgmt	CC-010021	\$1,150						\$1,150
CC	BART	Transit	eBART - East Contra Costa Rail Extension	Expansion	CC-050025	\$341,911	\$105,000	\$13,000				\$459,911
CC	BART	Transit	BART Railroad Avenue Station	Expansion	CC-130002	\$1,500		\$2,000			\$15,000	\$18,500
CC	BART	Transit	BART Community Information Wayfinding	SystMgmt	CC-090063	\$1,550			\$9,150			\$10,700
CC	BART	Transit	Walnut Creek BART TOD Access Improvements	SystMgmt	CC-110082	\$4,331						\$4,331
CC	BART	Transit	Richmond BART Station Intermodal Improvements	SystMgmt	CC-130048	\$3,500	\$3,250				\$13,000	\$19,750
CC	Brentwood	Local Road	BART Station Modernization Program	SystMgmt	CC-130048	\$1,555	\$5,128					\$6,683
CC	Brentwood	Local Road	SR4/Brentwood Boulevard Widening - North (Phase I)	Expansion	CC-070011	\$703		\$600				\$1,303
CC	Brentwood	Local Road	SR4 (Brentwood Boulevard) Widening (South)	Expansion	CC-070012	\$18,753			\$3,350			\$22,103
CC	Brentwood	Local Road	Lone Tree Way Undercrossing	Expansion	CC-070013	\$150	\$1,555				\$13,810	\$15,515
CC	Brentwood	Local Road	Central Blvd Widening (Phase II)	Expansion	CC-070014	\$600	\$500				\$3,685	\$4,785
CC	Brentwood	Local Road	John Muir Parkway Extension (Phase I)	Expansion	CC-070015	\$1,220					\$4,169	\$5,389
CC	Brentwood	Local Road	John Muir Parkway Extension: Ph. II	Expansion	CC-070016	\$593	\$1,825				\$6,996	\$8,389
CC	Brentwood	Local Road	Brentwood Blvd North Widening - Phases II & III	Expansion	CC-070017	\$2,695					\$9,330	\$12,025
CC	Brentwood	Local Road	Brentwood Area Schools Bike/Ped Access Imps	Expansion	CC-090021	\$493						\$493
CC	Brentwood	Local Road	Brentwood 2012 Pavement Management Program	Maint/Rehab	CC-110009	\$1,342	\$480					\$1,822
CC	Brentwood	Local Road	Balfour Road Preservation	Maint/Rehab	CC-130018	\$29						\$29
CC	Caltrans	Port/Freight Rail	Richmond Rail Connector	Expansion	CC-030032	\$22,650	\$29					\$22,679
CC	Caltrans	State Highway	SR 24 - Caldecott Tunnel 4th Bore	Expansion	CC-010002	\$420,346						\$420,346
CC	Caltrans	Transit	Double rail track btw Oakley & Port Chicago	Expansion	CC-090018	\$28,071						\$28,071
CC	CC County	Local Road	Pacheco Blvd Widening and Realignment	Expansion	CC-070018		\$1,600	\$2,000			\$12,570	\$16,170
CC	CC County	Local Road	Kirker Pass Road NB Truck Climbing Lanes	Expansion	CC-070018		\$136				\$9,649	\$9,785
CC	CC County	Local Road	Byron Hwy Extension	Expansion	CC-070075		\$3,215	\$136			\$9,900	\$13,351
CC	CC County	Local Road	Byron Highway - Vasco Road Connection	Expansion	CC-070079				\$500		\$3,700	\$4,200
CC	CC County	Local Road	North Richmond Truck Route Extension	Expansion	CC-090003		\$1,300				\$18,100	\$19,400
CC	CC County	Local Road	Contra Costa Co. Camino Tassalara Realignment	Expansion	CC-090022						\$13,000	\$13,000
CC	CC County	Local Road	Dougherty Road widening	Expansion	CC-090024				\$3,600		\$30,000	\$33,600
CC	CC County	Local Road	Canal Road Bicycle and Pedestrian Facilities	Expansion	CC-110084	\$579	\$1,267				\$1,846	\$3,646
CC	CC County	Local Road	Bailey Road Bike and Pedestrian Improvements	Expansion	CC-130003		\$1,960	\$1,000			\$6,500	\$9,460
CC	CC County	Local Road	Port Chicago Hwy/Willow Pass Rd Bike Ped Upgrades	Expansion	CC-130027	\$592	\$1,205				\$12,760	\$14,557
CC	CC County	Local Road	Contra Costa County Various Streets & Road Preserv	Maint/Rehab	CC-130004		\$220		\$3,208			\$3,428
CC	CC County	Local Road	Contra Costa County Vasco Road Safety Improvements	SystMgmt	CC-050030	\$15,929	\$1,000				\$15,000	\$17,929
CC	CC County	Local Road	Bailey Road-State Route 4 Interchange	SystMgmt	CC-130001	\$2,320	\$0				\$3,529	\$5,849
CC	CC County	Local Road	West Contra Costa SRTS Non-Infrastructure Program	SystMgmt	CC-130034		\$710				\$5,000	\$5,710
CC	CCCTA	Transit	Pacheco Transit Hub	Expansion	CC-050010	\$2,806						\$2,806
CC	CCCTA	Transit	CCCTA: Preventive Maintenance Program	Maint/Rehab	CC-030034	\$19,549						\$19,549
CC	CCCTA	Transit	CCCTA - Replace 10 40' buses - Hybrid	Maint/Rehab	CC-110061	\$7,034						\$7,034
CC	CCCTA	Transit	CCCTA: Replace 4 LINK Vans	Maint/Rehab	CC-110062	\$465						\$465
CC	CCCTA	Transit	CCCTA: Replace 4 Minivans	Maint/Rehab	CC-110063	\$217						\$217
CC	CCCTA	Transit	CCCTA: Maintenance Facility Rehabilitation	Maint/Rehab	CC-110064	\$600						\$600
CC	CCCTA	Transit	CCCTA: Inventory Asset Management System	Maint/Rehab	CC-110065	\$375						\$375
CC	CCCTA	Transit	Replace Diesel Trolleys with Electric TrolleyBuses	Maint/Rehab	CC-110083	\$5,400						\$5,400
CC	CCCTA	Transit	CCCTA: Replace 7 30' Buses	Maint/Rehab	CC-110095	\$3,550						\$3,550
CC	CCCTA	Transit	CCCTA - Replace 6 22' Paratransit Vans	Maint/Rehab	CC-110096	\$502						\$502

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CC	CCCTA	Transit	CCCTA - Replace 4 Paratransit Minivans	Maint/Rehab	CC-110097		\$225					\$225
CC	CCCTA	Transit	CCCTA - Purchase and Install 40 Elec. Cooling Fans	Maint/Rehab	CC-110098		\$400					\$400
CC	CCCTA	Transit	CCCTA - Replace 15 40' Buses	Maint/Rehab	CC-110099		\$8,223					\$8,223
CC	CCCTA	Transit	CCCTA - Replace 18 40' Buses	Maint/Rehab	CC-110100		\$11,496					\$11,496
CC	CCCTA	Transit	CCCTA: ADA Paratransit Assistance	Operations	CC-997001		\$11,897					\$11,897
CC	CCCTA	Transit	511 Real-Time Interface Project	SystMgmt	CC-130044			\$114	\$205			\$114
CC	CCCTA	Transit	CCCTA: Access Improvements Implementation	SystMgmt	CC-130045							\$205
CC	CCCTA	Local Road	Mokelumne Trail Bike/Ped Overcrossing	Expansion	CC-070067		\$6,100	\$3,101				\$6,100
CC	CCCTA	Local Road	Local PDA Planning - Contra Costa	SystMgmt	CC-110101			\$0	\$500		\$360,169	\$3,101
CC	CCCTA	State Highway	I-680/SR 4 I/C Reconstruction - Phases 1, 2, 4 & 5	Expansion	CC-010023		\$8,647	\$1,520				\$39,316
CC	CCCTA	State Highway	I-680 Auxiliary Lanes	Expansion	CC-030005		\$32,481					\$34,001
CC	CCCTA	State Highway	SR 4 East Widening from Somersville to SR 160	Expansion	CC-030028		\$384,802					\$384,802
CC	CCCTA	State Highway	I-680 SB HOV Lane Completion	Expansion	CC-050028		\$6,742	\$2,743		\$56,157	\$19,000	\$84,642
CC	CCCTA	State Highway	I-680 NB HOV Lane Extension	Expansion	CC-070022			\$2,000			\$46,000	\$48,000
CC	CCCTA	State Highway	Reconstruct I-80/San Pablo Dam Rd Interchange	Expansion	CC-070035		\$17,117	\$583	\$20,400	\$9,200	\$66,700	\$114,000
CC	CCCTA	State Highway	SR4 Bypass: Laurel Rd to Sand Creek	Expansion	CC-070049		\$16,600					\$16,600
CC	CCCTA	State Highway	SR4: Balfour Road Interchange	Expansion	CC-070053		\$46,400					\$46,400
CC	CCCTA	State Highway	SR4/SR160 Interchange and Connectors	Expansion	CC-070054		\$50,100					\$50,100
CC	CCCTA	State Highway	SR4 Bypass: Sand Creek Interchange	Expansion	CC-070057		\$24,800					\$24,800
CC	CCCTA	State Highway	SR 239 - New State Highway Study	Expansion	CC-110066		\$16,244				\$13,000	\$29,244
CC	CCCTA	State Highway	I-680 / SR 4 Interchange Reconstruction - Phase 3	Expansion	CC-130046		\$9,050	\$330	\$46,650			\$56,030
CC	CCCTA	State Highway	Interstate 80 Corridor Real Time Rideshare	SystMgmt	CC-130035			\$403				\$403
CC	Clayton	Local Road	Clayton Various Streets Preservation	Maint/Rehab	CC-130030		\$40	\$437				\$477
CC	Concord	Local Road	Commerce Avenue Extension	Expansion	CC-070026		\$2,789	\$5,711				\$8,500
CC	Concord	Local Road	Waterworld Parkway Extension and New Bridge	Expansion	CC-070027		\$1,800		\$200		\$10,500	\$12,500
CC	Concord	Local Road	Concord Blvd. Gap Closure, Phase 2	Expansion	CC-070030		\$1,220					\$1,220
CC	Concord	Local Road	Ygnacio Valley/Kirker Pass Roads Widening	Expansion	CC-090026		\$1,800				\$10,200	\$12,000
CC	Concord	Local Road	Monument Corridor Pedestrian and Bikeway Network I	Expansion	CC-090067		\$1,474					\$1,474
CC	Concord	Local Road	Concord Monument Corridor Shared Use Trail	Expansion	CC-110019		\$668					\$668
CC	Concord	Local Road	Concord BART Station Bike/Ped Access Improvements	Expansion	CC-130006			\$233	\$1,138			\$1,371
CC	Concord	Local Road	Detroit Avenue Bicycle and Pedestrian Improvements	Expansion	CC-130011		\$224	\$1,345	\$865			\$2,434
CC	Concord	Local Road	Concord Blvd Pavement Rehabilitation	Maint/Rehab	CC-110010		\$2,687					\$2,687
CC	Concord	Local Road	Concord Various Street Preservation	Maint/Rehab	CC-130012			\$1,104				\$1,104
CC	Concord	Local Road	Concord Clayton Road/Treat Blvd Intersection Imps.	SystMgmt	CC-090023		\$580	\$2,100				\$2,680
CC	Concord	Local Road	Ped/Bike Traffic Signal at Oak Grove Rd/Sierra Rd	SystMgmt	CC-130013		\$114	\$456				\$570
CC	Concord	State Highway	SR 242 / Clayton Road Interchange Improvements	Expansion	CC-070024		\$2,000		\$1,500	\$1,300	\$29,920	\$34,720
CC	Concord	State Highway	SR4/Willow Pass Interchange Improvements	Expansion	CC-070025		\$1,000		\$2,000		\$30,000	\$33,000
CC	Danville	Local Road	Vista Grande Street Pedestrian Improvements/SR2S	Expansion	CC-130038		\$20	\$178				\$198
CC	Danville	Local Road	Crow Canyon/Camino Tassajara Intersection Imps	Maint/Rehab	CC-050075		\$6,130				\$3,500	\$6,130
CC	Danville	Local Road	Diablo Road Imps. - Green Valley to Avenida Neuva	Maint/Rehab	CC-090001		\$660					\$4,160
CC	Danville	Local Road	Danville Various Streets and Roads Preservation	Maint/Rehab	CC-130023		\$159	\$896				\$1,055
CC	Danville	Local Road	San Ramon Valley Street Smarts SR2S Program	SystMgmt	CC-110050							\$413
CC	Danville	Transit	San Ramon Valley Bus Program	Operations	CC-090004		\$8,000					\$8,000
CC	EB Reg Park Dis	Local Road	Alas Road - New Bridge and Roadway Extension	Expansion	CC-070063		\$2,152					\$2,152
CC	EB Reg Park Dis	Public Lands/Trails	Breuner Marsh Restoration and Public Access	Expansion	CC-130049		\$2,000	\$3,945				\$5,945
CC	EB Reg Park Dis	Public Lands/Trails	SF Bay Trail, Pinole Shores to Bay Front Park	Expansion	CC-130050		\$310	\$3,120				\$3,430
CC	EB Reg Park Dis	Public Lands/Trails	Contra Costa Parks Bike/Ped Trail Improvements	Maint/Rehab	CC-070033		\$799	\$152				\$951
CC	ECCTA	Transit	ECCTA: Preventive Maintenance Program	Maint/Rehab	CC-030037		\$3,439					\$3,439
CC	ECCTA	Transit	ECCTA: Transit Bus Replacements	Maint/Rehab	CC-070092		\$39,122	\$719				\$39,842
CC	ECCTA	Transit	Tri-Delta: ADA Operating Assistance	Operations	CC-030035		\$6,343					\$6,343
CC	El Cerrito	Local Road	Moeser & Ashbury Ped/Bike Corridor Improvements	Expansion	CC-090066		\$1,095					\$1,095
CC	El Cerrito	Local Road	El Cerrito Various Streets and Roads Preservation	Maint/Rehab	CC-130021		\$102	\$839				\$941
CC	El Cerrito	Local Road	Oak Norte Area TOD Bike/Ped/Transit Access Imps	SystMgmt	CC-070046		\$1,000	\$500	\$1,000		\$4,875	\$7,375
CC	El Cerrito	Local Road	San Pablo Avenue Streetscape	SystMgmt	CC-070074		\$4,516					\$4,516
CC	El Cerrito	Local Road	El Cerrito Central Ave & Liberty St Streetscape Imp	SystMgmt	CC-110005		\$1,186					\$1,186
CC	El Cerrito	Public Lands/Trails	El Cerrito Ohlone Greenway Bike/Ped Improvements	Expansion	CC-130024		\$535	\$3,384				\$3,919
CC	Hercules	Local Road	Refugio Bridge - Bike, Ped & Vehicle Connectivity	Expansion	CC-070086		\$8,741					\$8,741
CC	Hercules	Local Road	Central Hercules Arterial Improvements	Expansion	CC-090008				\$500		\$2,236	\$2,736

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CC	Hercules	Local Road	Hercules (Bio-Rad) Bay Trail	Expansion	CC-090065	\$4,612						\$4,612
CC	Hercules	Local Road	Hercules-Refugio Valley Road Pavement Preservation	Maint/Rehab	CC-130040	\$80	\$794					\$874
CC	Hercules	State Highway	SR4/Willow Avenue Ramps	SystMgmt	CC-070051					\$800		\$21,016
CC	Hercules	Transit	Hercules Intercity Rail Station - Phase 1	Expansion	CC-030002							\$24,866
CC	Hercules	Transit	Construct Phase 2 of Hercules Intermodal Station	Expansion	CC-090009	\$13,882	\$8,065	\$2,919				\$24,866
CC	Lafayette	Local Road	Happy Valley Rd. Walkway SRTS Improvements	Expansion	CC-130010	\$290			\$7,900			\$47,390
CC	Lafayette	Local Road	Mt. Diablo Blvd West End Preservation	Maint/Rehab	CC-130009	\$16	\$113					\$129
CC	Lafayette	Local Road	Lafayette Downtown Bike/Ped Imp & Streetscape	SystMgmt	CC-110006	\$660						\$660
CC	Martinez	Local Road	Martinez - Court Street Overcrossing, Phase 1	Expansion	CC-090005	\$2,301						\$2,301
CC	Martinez	Local Road	Martinez Various Streets and Roads Preservation	Expansion	CC-030004	\$1,455				\$8,245		\$9,700
CC	Martinez	State Highway	I-680/Marina Vista I/C Improvements	Maint/Rehab	CC-130025	\$100	\$1,185					\$1,285
CC	Martinez	Transit	Martinez Intermodal Station Parking Expansion	Expansion	CC-070038	\$1,000	\$1,000					\$2,000
CC	Moraga	Local Road	Moraga Rd SRTS Bicycle and Ped Improvements	Expansion	CC-030004	\$18,400	\$1,600					\$20,000
CC	Moraga	Local Road	Moraga Various Streets and Roads Preservation	Maint/Rehab	CC-130037	\$14	\$113					\$127
CC	Moraga	Local Road	Moraga Way Streetscape	SystMgmt	CC-110055	\$92	\$709					\$801
CC	MTC	Local Road	Regional Planning Activities and PPM - CC County	SystMgmt	CC-090035	\$640						\$640
CC	Oakley	Local Road	Main Street Widening	Expansion	CC-090015	\$11,004	\$431	\$222	\$609	\$455		\$13,175
CC	Oakley	Local Road	Oakley Various Streets and Roads Preservation	Maint/Rehab	CC-130031	\$630	\$1,165	\$1,000	\$1,500			\$12,630
CC	Oakley	Local Road	Main Street (Previously SR4) Realignment in Oakley	SystMgmt	CC-070065		\$350	\$1,531				\$1,881
CC	Orinda	Local Road	Moraga Way Pedestrian Pathway	Expansion	CC-110048	\$258						\$258
CC	Orinda	Local Road	Orinda SRTS Sidewalk Project	Expansion	CC-130036	\$12	\$113					\$125
CC	Pinole	Local Road	Ivy Drive Pavement Rehabilitation	Maint/Rehab	CC-130042	\$72	\$552					\$624
CC	Pinole	Local Road	Pinole - San Pablo Avenue Preservation	Maint/Rehab	CC-130015	\$55	\$750					\$805
CC	Pinole	State Highway	Widen Pinole Valley Road ramps at I-80	Expansion	CC-090017		\$50	\$100	\$637			\$787
CC	Pittsburg	Local Road	California Avenue Widening	Expansion	CC-070041	\$900						\$900
CC	Pittsburg	Local Road	West Leland Extension, Phase II	Expansion	CC-070043	\$1,800				\$12,500		\$13,400
CC	Pittsburg	Local Road	Pittsburg-Antioch Highway Widening	Expansion	CC-070044	\$1,980				\$9,800		\$11,600
CC	Pittsburg	Local Road	James Donlon Extension (Buchanan Rd Bypass)	Expansion	CC-070045	\$2,900				\$4,900		\$7,800
CC	Pittsburg	Local Road	Pittsburg N. Parkside Dr. Bike Lanes and Sidewalks	Expansion	CC-110017	\$1,151			\$1,500			\$3,151
CC	Pittsburg	Local Road	Pittsburg Railroad Avenue Pavement Rehab	Maint/Rehab	CC-110012	\$1,230	\$299					\$1,529
CC	Pittsburg	Local Road	Pittsburg - Railroad Avenue Preservation	Maint/Rehab	CC-130016	\$39						\$39
CC	Pittsburg	Local Road	Bailey Road Transit Access Improvements	SystMgmt	CC-070084	\$2,198						\$2,198
CC	Pittsburg	Local Road	Pittsburg School Area Safety Improvements	SystMgmt	CC-130017	\$27	\$203					\$230
CC	Pittsburg	Transit	Pittsburg Multimodal Transit Station Access Imps.	Expansion	CC-130039	\$214		\$1,300				\$1,514
CC	Pleasant Hill	Local Road	Pleasant Hill - Buskirk Avenue Widening	Expansion	CC-090002	\$11,000						\$11,000
CC	Pleasant Hill	Local Road	Lisa Lane Sidewalk Project	Expansion	CC-110051	\$721						\$721
CC	Pleasant Hill	Local Road	Boyd Road/Elinora Drive SRTS Sidewalk Installation	Expansion	CC-130029	\$127	\$448					\$575
CC	Pleasant Hill	Local Road	Central-East County SR25 Program	SystMgmt	CC-110049	\$819						\$819
CC	Pleasant Hill	Local Road	Golf Club Rd Roundabout and Bike/Ped Improvements	SystMgmt	CC-130005		\$777	\$4,737				\$5,514
CC	Pleasant Hill	Local Road	Pleasant Hill - Contra Costa Blvd. Preservation	SystMgmt	CC-130007	\$1,262						\$1,262
CC	Richmond	Local Road	Griffin Drive Railroad At-Grade Crossing	Expansion	CC-070047	\$900	\$1,600					\$2,500
CC	Richmond	Local Road	Marina Bay Parkway Grade Separation	Expansion	CC-090018	\$36,925						\$36,925
CC	Richmond	Local Road	Richmond Barrett Avenue Bicycle Lanes	Expansion	CC-110018	\$764						\$764
CC	Richmond	Local Road	37th Street Bicycle & Pedestrian Improvements	Expansion	CC-130047	\$44		\$87	\$243			\$374
CC	Richmond	Local Road	Dornan Drive/Garard Blvd Tunnel Rehabilitation	Maint/Rehab	CC-030011	\$1,609						\$1,609
CC	Richmond	Local Road	Richmond Local Streets and Roads Preservation	Maint/Rehab	CC-130026	\$300		\$3,423				\$3,723
CC	Richmond	Local Road	Richmond Transit Village: Nevin Imps BART-19th	SystMgmt	CC-110007	\$2,422						\$2,422
CC	Richmond	Local Road	Richmond Transit Village: Nevin Imps 19th-27th	SystMgmt	CC-110016	\$7,076						\$7,076
CC	Richmond	Local Road	SR25 - Nystrom, Coronado, Highland, Wilson & Wash.	SystMgmt	CC-110031	\$976						\$976
CC	Richmond	Local Road	Easy Go Richmond	SystMgmt	CC-110102	\$254						\$254
CC	Richmond	State Highway	I-80/Central Avenue Interchange Modification	Expansion	CC-050076	\$1,845	\$3,674					\$5,519
CC	San Pablo	Local Road	San Pablo Avenue Bicycle and Ped Improvements	Expansion	CC-130032	\$845		\$5,978				\$6,823
CC	San Pablo	Local Road	El Portal Drive Rehabilitation / Gateway Phases II	Maint/Rehab	CC-110001	\$320	\$1,600					\$1,920
CC	San Pablo	Local Road	San Pablo Various Streets and Roads Preservation	Maint/Rehab	CC-130028	\$1,122						\$1,122
CC	San Ramon	Local Road	Bollinger Canyon Road Widening (Alcosta to SRVB)	Expansion	CC-090019	\$7,730	\$2,883					\$10,613
CC	San Ramon	Local Road	San Ramon Valley Boulevard Preservation	Maint/Rehab	CC-130008	\$1,916						\$1,916
CC	San Ramon	Local Road	Citywide School Crossing Enhancement Project	SystMgmt	CC-130041	\$306						\$306
CC	San Ramon	State Highway	I-680 Direct Access Ramps	Expansion	CC-070036	\$3,000	\$4,000		\$1,300			\$93,300

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CC	St. Rita, 4 BA	State Highway	SR4 Bypass: Sand Creek to Balfour Rd	Expansion	CC-070048	\$2,400	\$10,000					\$12,400
CC	Walnut Creek	Local Road	Pleasant Hill Geary Road Widening Phase 3	Expansion	CC-070050	\$5,950	\$2,000					\$7,950
CC	Walnut Creek	Local Road	Walnut Creek Various Arterials & Collectors Rehab	Maint/Rehab	CC-110013	\$2,103						\$2,103
CC	Walnut Creek	Local Road	Walnut Creek - North Main Street Preservation	Maint/Rehab	CC-130033	\$70		\$851				\$921
CC	WCCTA	Transit	WCCTA: Preventive Maintenance Program	Maint/Rehab	CC-030025	\$2,045						\$2,045
CC	WCCTA	Transit	WCCTA: Replace (5) 1999 35' Revenue Vehicles	Maint/Rehab	CC-110057	\$2,329						\$2,329
CC	WCCTA	Transit	WCCTA: Purchase of non revenue Service Vehicle	Maint/Rehab	CC-110058	\$40						\$40
CC	WCCTA	Transit	WCCTA Replace (8)1988 40' transit buses	Maint/Rehab	CC-110082	\$4,380						\$4,380
CC	WCCTA	Transit	WCCTA: Replace (2) 2002 35' transit buses	Maint/Rehab	CC-110093	\$919						\$919
CC	WCCTA	Transit	WCCTA - Replace (2) 35 foot diesel transit vehicle	Maint/Rehab	CC-110094	\$280						\$280
CC	WCCTA	Transit	WCCTA: ADA Paratransit Operating Subsidy	Operations	CC-990045	\$1,458						\$1,458
CC	WCCTA	Transit	Hercules Intermodal Station Improvements	SystMgmt	CC-050074	\$1,614						\$1,614
CC	WETA	Transit	Richmond Ferry Service	Expansion	CC-070062	\$37,813	\$4,550					\$42,363
CC	WETA	Transit	Martinez Ferry Service	Expansion	CC-110002	\$813						\$813
CC	WETA	Transit	Antioch Ferry Service	Expansion	CC-110003	\$813						\$813
Totals for Contra Costa County						\$1,925,975	\$245,195	\$123,959	\$44,315	\$74,262	\$1,056,802	\$3,470,509

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MRN	Caltrans	State Highway	US 101 - Golden Gate Botanical Area Revegetation	SystMgmt	MRN050012	\$595						\$595
MRN	Caltrans	State Highway	US-101 Mission Bell Installation	SystMgmt	MRN110003	\$241						\$241
MRN	Fairfax	Local Road	Parkade Circulation and Safety Improvements	SystMgmt	MRN130009			\$90	\$310			\$400
MRN	GGBHDT	Tollway	Golden Gate Bridge Seismic Retrofit, Phase 3B	Main/Rehab	MRN050018	\$98,152	\$22,591	\$19,061	\$1,948			\$142,752
MRN	GGBHDT	Tollway	Golden Gate Bridge Seismic Retrofit, Ph. 1-3A	Main/Rehab	MRN070016	\$289,417		\$3,740				\$273,157
MRN	GGBHDT	Tollway	Golden Gate Bridge-Suicide Deterrent Safety Barrier	SystMgmt	MRN050019	\$7,000	\$5,000					\$87,000
MRN	GGBHDT	Transit	Larkspur Ferry Terminal Parking Garage	Expansion	MRN130001		\$500					\$4,000
MRN	GGBHDT	Transit	GGBHDT: Fixed Guideway Connectors	Main/Rehab	MRN030010	\$33,296						\$33,296
MRN	GGBHDT	Transit	GGBHDT: Ferry Major Components Rehabilitation	Main/Rehab	MRN030011	\$14,011						\$14,011
MRN	GGBHDT	Transit	4 Replacement Express Buses	Main/Rehab	MRN050015	\$1,600						\$1,600
MRN	GGBHDT	Transit	GGBHDT: Facilities Rehabilitation	Main/Rehab	MRN050025	\$27,977						\$27,977
MRN	GGBHDT	Transit	GGBHDT: Replacement of Ferry Propulsion Systems	Main/Rehab	MRN090025	\$3,900						\$3,900
MRN	GGBHDT	Transit	GGBHDT: Replace 11 - 1997 45' MCI Buses	Main/Rehab	MRN090034		\$6,997					\$6,997
MRN	GGBHDT	Transit	GGBHDT - Replace 7 - 40' Diesel Buses	Main/Rehab	MRN110045	\$3,760						\$3,760
MRN	GGBHDT	Transit	GGBHDT - Replace 14 - 45' OTR Coaches	Main/Rehab	MRN110046	\$9,637						\$9,637
MRN	GGBHDT	Transit	Ferry channel & berth dredging.	Main/Rehab	MRN090017	\$20,894						\$20,894
MRN	GGBHDT	Transit	GGBHDT - Transit Systems Enhancements	SystMgmt	MRN130015	\$1,683						\$1,683
MRN	Larkspur	Local Road	Larkspur - Non-motorized Transpo. Pilot Program	Expansion	MRN070015	\$1,596						\$1,596
MRN	Marin County	Local Road	Non-motorized Transpo. Pilot Program - Marin County	Expansion	MRN050033	\$11,005						\$11,005
MRN	Marin County	Local Road	Non-motorized Transpo. Projects - Marin County	Expansion	MRN090049	\$1,238						\$1,238
MRN	Marin County	Local Road	Sir Francis Drake Boulevard Westbound Bike Lane	Expansion	MRN090050	\$481						\$481
MRN	Marin County	Local Road	Miller Creek Road Bike Lanes and Ped Improvements	Expansion	MRN110033	\$45		\$362				\$407
MRN	Marin County	Local Road	Mountain View Rd Bridge Replacement - 27C0154	Expansion	MRN110035	\$328			\$918			\$1,246
MRN	Marin County	Local Road	Marin Parklands Visitor Access, Phase 2	Main/Rehab	MRN070019	\$1,036	\$3,410					\$4,446
MRN	Marin County	Local Road	Donahue Street Road Rehabilitation Project	Main/Rehab	MRN090053	\$1,354						\$1,354
MRN	Marin County	Local Road	North Civic Center Drive Improvements	Main/Rehab	MRN130010	\$840	\$1,960	\$1,095				\$1,217
MRN	Marin County	Local Road	North Civic Center Drive Improvements	SystMgmt	MRN130007	\$911	\$410	\$1,346				\$2,667
MRN	Marin County	Public Lands/Trails	Mill Valley-Sausalito Parkway Preservation	Main/Rehab	MRN010014	\$2,000						\$2,000
MRN	MCTD	State Highway	Tennessee Valley Bridge	Main/Rehab	MRN010006	\$245						\$245
MRN	MCTD	Transit	Local Bus Stop Revitalization in Marin County	Main/Rehab	MRN110004	\$2,795						\$2,795
MRN	MCTD	Transit	Marin Transit - Replace 3 - 2005 Paratransit Vans	Main/Rehab	MRN110028	\$5,072			\$258			\$5,330
MRN	MCTD	Transit	MCTD Preventive Maintenance	Main/Rehab	MRN110040	\$1,114						\$1,114
MRN	MCTD	Transit	Marin Transit Replace Four Local Buses	Main/Rehab	MRN110042	\$258						\$258
MRN	MCTD	Transit	Marin Transit Seven Local Buses	Main/Rehab	MRN110043	\$2,525						\$2,525
MRN	MCTD	Transit	Marin Transit - Replace Paratransit Vehicles	Main/Rehab	MRN110044	\$2,168						\$2,168
MRN	MCTD	Transit	Marin Transit Low Income Youth Pass Program	Operations	MRN110041	\$411						\$411
MRN	MCTD	Transit	MCTD- ADA Paratransit Assistance	Operations	MRN110047	\$1,900						\$1,900
MRN	MCTD	Transit	Marin county: Bus Stop Improvements	SystMgmt	MRN070001	\$93						\$93
MRN	MCTD	Transit	Capital Improvements For Muir Woods Shuttle	SystMgmt	MRN110030	\$6,965			\$206			\$7,171
MRN	Mill Valley	Local Road	Mill Valley - Sycamore Ave Pedestrian Facilities	Expansion	MRN090052	\$1,063						\$1,063
MRN	Mill Valley	Local Road	Mill Valley - Miller Avenue Rehabilitation	Main/Rehab	MRN070002	\$30						\$30
MRN	Mill Valley	Public Lands/Trails	Bayfront Park Recreational Bay Access Pier Rehab	Main/Rehab	MRN130012	\$80						\$80
MRN	MTC	Local Road	Regional Planning Activities and PPM - Marin	SystMgmt	MRN090020	\$7,911						\$7,911
MRN	Novato	Local Road	Novato Boulevard Widening, Diablo to Grant	Main/Rehab	MRN130011	\$95						\$95
MRN	Novato	Local Road	DeLong Avenue and Ignacio Boulevard Resurfacing	Main/Rehab	MRN130006	\$310						\$310
MRN	Ross	Local Road	Bolinas Avenue and Sir Francis Drake Intersection	Main/Rehab	MRN110032	\$1,060						\$1,060
MRN	San Anselmo	Local Road	San Anselmo - Center Blvd Bridge Replace (27C0079)	Expansion	MRN110036	\$80						\$80
MRN	San Anselmo	Public Lands/Trails	Sunny Hill Ridge and Red Hill Trails	Expansion	MRN130013	\$2,948						\$2,948
MRN	San Rafael	Local Road	San Rafael - Non-motorized Transport Pilot Program	Expansion	MRN070009	\$1,500						\$1,500
MRN	San Rafael	Local Road	San Rafael: Sidewalk along East Francisco Blvd	Expansion	MRN110029	\$1,332						\$1,332
MRN	San Rafael	Local Road	San Rafael Citywide Street Resurfacing	Main/Rehab	MRN110008	\$475						\$475
MRN	San Rafael	Local Road	San Rafael Various Streets and Roads Preservation	Main/Rehab	MRN130004	\$530						\$530
MRN	Sausalito	Local Road	San Rafael Transit Center Pedestrian Access Imps.	SystMgmt	MRN130005	\$285						\$285
MRN	Sausalito	Local Road	Sausalito - Non-motorized Transpo. Pilot Program	SystMgmt	MRN070012	\$16,612						\$16,612
MRN	TAM	Local Road	Sausalito - Bridgeway/US 101 Off Ramp Bicycle Imps	SystMgmt	MRN110010	\$610						\$610
MRN	TAM	Local Road	Central Marin Ferry Access Improvements	Expansion	MRN050014	\$160						\$160
MRN	TAM	Local Road	Marin Bike/Ped Facility North of Atherton Ave.	Expansion	MRN070003	\$160						\$160
MRN	TAM	Local Road	TAM - Non-motorized Transportation Pilot Program	SystMgmt	MRN070017	\$160						\$160

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MRN	TAM	Local Road	Local PDA Planning - Marin	SystMgmt	MRN110039		\$848					\$848
MRN	TAM	State Highway	US 101 / Greenbrae Interchange Corridor Impts.	Expansion	MRN050001	\$8,933	\$4,100	\$1,200	\$8,600	\$5,900	\$126,067	\$154,800
MRN	TAM	State Highway	US 101 HOV Lanes - Marin-Sonoma Narrows (Main)	Expansion	MRN050034	\$157,727	\$62,978				\$120,282	\$340,987
MRN	TAM	State Highway	Highway 101 Landscaping for Gap Closure Project	SystMgmt	MRN110034		\$3,900					\$3,900
MRN	Various	Local Road	Marin County: Major Roads Rehabilitation	Maint/Rehab	MRN090008	\$8,000					\$22,000	\$30,000
Totals for Marin County						\$741,214	\$120,721	\$34,026	\$19,487	\$6,106	\$346,849	\$1,268,404

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NAP	American Canyon	Local Road	American Canyon Napa Junction Elementary Ped Imps	Expansion	NAP090007	\$276						\$276
NAP	American Canyon	Local Road	American Canyon: Theresa Ave Sidewalk Imp Phase 3	Expansion	NAP110007	\$230						\$230
NAP	American Canyon	Local Road	Eucalyptus Drive Realignment: Complete Streets	Expansion	NAP110029	\$1,304	\$0			\$1,240	\$1,980	\$4,524
NAP	American Canyon	Local Road	Devlin Road and Vine Trail Extension	Expansion	NAP130006			\$297	\$800	\$1,785		\$2,882
NAP	American Canyon	Local Road	American Canyon PDA Development Plan	Expansion	NAP110006	\$897					\$1,500	\$2,397
NAP	Calistoga	State Highway	SR 128 and Petrified Forest Intersection Imp	SystemMgmt	NAP150001			\$118	\$56	\$476		\$650
NAP	Caltrans	State Highway	Design of SR 12/29/Airport Blvd Grade Separation	Expansion	NAP010002	\$2,415						\$2,415
NAP	Caltrans	State Highway	SR 12 (Jamieson Canyon Road) Widening	Expansion	NAP010008	\$114,285	\$850					\$115,135
NAP	MTC	Local Road	Regional Planning Activities and PPM - Napa	SystemMgmt	NAP090002	\$5,385	\$69	\$110	\$165			\$5,798
NAP	Napa	Local Road	Napa/Lincoln Ave Bike Lane - Jefferson to Railroad	Expansion	NAP110011	\$213						\$213
NAP	Napa	Local Road	Napa City North/South Bike Connection	Expansion	NAP110013	\$708						\$708
NAP	Napa	Local Road	Napa (City): 2011 Cape Seal Pavement Rehab	Maint/Rehab	NAP110008	\$726						\$726
NAP	Napa	Local Road	Napa City - Linda Vista Pavement Overlay	Maint/Rehab	NAP110015	\$776						\$776
NAP	Napa	Local Road	California Boulevard Roundabouts	SystemMgmt	NAP110028	\$460	\$1,154	\$3,402				\$5,016
NAP	Napa	Local Road	City of Napa PDA Implementation	SystemMgmt	NAP130001	\$311						\$311
NAP	Napa	Public Lands/Trails	Highway 29/Napa Creek Bicycle Path Upgrade	Expansion	NAP130004	\$100					\$425	\$525
NAP	Napa County	Local Road	Napa County: Silverado Trail Paving Phase F	Maint/Rehab	NAP110009	\$955						\$955
NAP	Napa County	Local Road	Silverado Trail Phase H Rehab	Maint/Rehab	NAP110023	\$56			\$1,627			\$1,683
NAP	Napa County	Local Road	Hardin Rd Bridge Replacement - 21C0058	Maint/Rehab	NAP110026	\$248			\$118		\$1,390	\$1,756
NAP	Napa County	Local Road	Loma Vista Dr Bridge Replacement - 21C0080	Maint/Rehab	NAP110027	\$100	\$60		\$560			\$720
NAP	Napa County	Local Road	Airport Boulevard Rehabilitation	Maint/Rehab	NAP130003				\$64		\$1,853	\$1,917
NAP	Napa County	Local Road	Silverado Trail Phase G Rehab	Maint/Rehab	NAP130009	\$95			\$2,734			\$2,829
NAP	Napa County	Local Road	Silverado Trail Yountville-Napa Safety Improvement	SystemMgmt	NAP130010	\$6	\$162					\$168
NAP	Napa Vine	Transit	Park & Ride Lots in Napa County	Expansion	NAP050009	\$5,030						\$5,030
NAP	NCTPA	Local Road	Napa Valley Vine Trail Design and Construction	Expansion	NAP110014	\$3,160					\$2,000	\$5,160
NAP	NCTPA	Local Road	SRTS Non Infrastructure Program Cycle 2	Expansion	NAP130002	\$420						\$420
NAP	NCTPA	Local Road	NCTPA: Napa County SRTS Program Expansion	SystemMgmt	NAP110012	\$315						\$315
NAP	NCTPA	State Highway	SR 12/29/221 Socal Junction Interchange Study	Expansion	NAP090003	\$6,300						\$6,300
NAP	NCTPA	Transit	NCTPA: Replace Rolling Stock	Maint/Rehab	NAP090005	\$10,428						\$10,428
NAP	NCTPA	Transit	NCTPA: Equipment Replacement and Upgrades	Maint/Rehab	NAP090008	\$1,240						\$1,240
NAP	NCTPA	Transit	NCTPA: ADA Operating Assistance	Operations	NAP030004	\$374						\$374
NAP	NCTPA	Transit	Napa Vine Operating Assistance	Operations	NAP070010	\$33,790						\$33,790
NAP	NCTPA	Transit	Napa: Bus Stop Improvements	SystemMgmt	NAP030005	\$646	\$137					\$782
NAP	NCTPA	Transit	Napa County Community Based Transportation Plan	SystemMgmt	NAP110024	\$100						\$100
NAP	NCTPA	Transit	NapaVINE Bus Mobility Device Retrofit Project- TPI	SystemMgmt	NAP130005				\$167			\$167
NAP	Sant Helena	State Highway	Hwy 29 Grayson Ave. Signal Construction	SystemMgmt	NAP130007	\$106	\$360					\$466
NAP	Yountville	Local Road	Yountville - Napa County Bicycle Path Extension	Expansion	NAP090006	\$149						\$149
NAP	Yountville	Public Lands/Trails	Hopper Creek Pedestrian Bridge and Path Project	Expansion	NAP130008							
Totals for Napa County						\$191,503	\$2,892	\$484	\$9,673	\$4,130	\$9,148	\$217,830

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SF	BART	Transit	BART/MUNI Direct Connection Platform	Expansion	SF-050014							\$3,000
SF	BART	Transit	Baioa Park Station Eastside Walkway Project	SystMgmt	SF-090040	\$13,155	\$3,000					\$13,155
SF	BART	Transit	24th Street/Mission BART Plaza Pedestrian Imps.	SystMgmt	SF-090051	\$4,014						\$4,014
SF	BART	Transit	Regional Real-Time Transit Information at BART	SystMgmt	SF-110044	\$4,400						\$4,400
SF	BART	Transit	BART 24th Street Train Control Upgrade	SystMgmt	SF-110048	\$2,260						\$2,260
SF	Caltrain	Transit	Caltrain Electrification	Maint/Rehab	SF-010028	\$39,964	\$54,700	\$141,100	\$131,436	\$295,600	\$562,200	\$1,225,000
SF	GGBHTD	Local Road	Golden Gate Bridge - Moveable Median Barrier	SystMgmt	SF-070037	\$25,000						\$25,000
SF	MTC	Local Road	Regional Planning Activities and PPM - SF County	SystMgmt	SF-090030	\$9,228	\$161		\$447	\$667		\$10,503
SF	Port of SF	Local Road	Pier 70 Shoreline Open Space Improvements	Expansion	SF-070014	\$2,000	\$4,000				\$16,000	\$22,000
SF	Port of SF	Local Road	Pier 70 19th Street & Illinois Street Sidewalk	Expansion	SF-130021	\$370	\$2,850				\$3,220	\$3,220
SF	Port of SF	Transit	San Francisco Downtown Ferry Terminal	Maint/Rehab	SF-070010	\$2,800				\$1,000		\$20,000
SF	Port of SF	Transit	Fishermans Wharf Ferry Terminal Improvements	Maint/Rehab	SF-070012	\$1,000	\$1,000					\$6,000
SF	SF County TA	Local Road	Embarcadero Corridor Transportation Improvements	SystMgmt	SF-070009	\$850	\$1,000				\$3,500	\$5,350
SF	SF County TA	Local Road	Treasure Is/Yerba Buena Is Street Improvements	Expansion	SF-130004	\$500	\$1,000			\$1,000		\$47,960
SF	SF County TA	Local Road	Integrated Public-Private Partnership TDM Program	SystMgmt	SF-110011	\$1,025						\$1,025
SF	SF County TA	Local Road	San Francisco Parking Pricing and Regulation Study	SystMgmt	SF-110038	\$600						\$600
SF	SF County TA	Local Road	Treasure Island Congestion Pricing Project	SystMgmt	SF-110049	\$930	\$350	\$1,300	\$350		\$6,945	\$9,875
SF	SF County TA	Local Road	HOV Ramps: I-280/6th St Ramps-Project Development	SystMgmt	SF-130009	\$100	\$2,000				\$103,900	\$104,000
SF	SF County TA	Local Road	SF Downtown Congestion Pricing (NE Cordon)	Expansion	SF-130017	\$118,907	\$11,500	\$44,140	\$0	\$3,588		\$211,606
SF	SF County TA	State Highway	Yerba Buena Island (YBI) Ramp Improvements	Maint/Rehab	SF-070027	\$725,176	\$112,391	\$76,389	\$144,132	\$928,649		\$1,986,737
SF	SF County TA	State Highway	US 101 Doyle Drive Replacement	Maint/Rehab	SF-991030	\$6,746	\$12,300	\$3,800	\$16,950			\$183,700
SF	SF County TA	Transit	Geary Bus Rapid Transit	Expansion	SF-070004	\$14,992	\$7,965	\$70,846	\$0			\$125,435
SF	SF County TA	Transit	Van Ness Avenue Bus Rapid Transit	Expansion	SF-070005	\$3,676		\$1,497				\$5,173
SF	SF County TA	Transit	Oakdale Caltrain Station	Expansion	SF-090011	\$200	\$580	\$2,000				\$2,790
SF	SF County TA	Transit	Construct Treasure Island Bus Terminal Facility	Expansion	SF-130010			\$1,000	\$1,000		\$21,500	\$23,500
SF	SF County TA	Transit	Treasure Island Pricing Mobility Improvements	SystMgmt	SF-130005	\$9,355	\$500	\$500			\$25,795	\$36,150
SF	SF DPW	Local Road	Bayview Transportation Improvements	Expansion	SF-090004	\$1,580	\$12,420				\$24,050	\$24,050
SF	SF DPW	Local Road	Harvey Way Roadway Widening	Expansion	SF-110006	\$2,050			\$2,000	\$3,000		\$331,100
SF	SF DPW	Local Road	Hunters Pt Shipyard and Candlestick Pt Local Roads	Expansion	SF-130006		\$106,529				\$147,752	\$254,281
SF	SF DPW	Local Road	HOPE SF Street Grid Phase 1	Expansion	SF-130007	\$1,000	\$5,000	\$4,000				\$10,000
SF	SF DPW	Local Road	4th St Bridge Seismic Retrofit & Rehab	Maint/Rehab	SF-010004	\$52,540						\$52,540
SF	SF DPW	Local Road	Citywide:San Francisco Street Improvements	Maint/Rehab	SF-050042	\$16,859						\$16,859
SF	SF DPW	Local Road	San Francisco - Arcilous Walker Stairway Imps.	Maint/Rehab	SF-090036	\$1,230						\$1,230
SF	SF DPW	Local Road	Great Highway Restoration	Maint/Rehab	SF-110005	\$2,864	\$306	\$1,830			\$7,945	\$12,945
SF	SF DPW	Local Road	San Francisco - Folsom Streetscape and Rehab	Maint/Rehab	SF-110007	\$5,543						\$5,543
SF	SF DPW	Local Road	San Francisco - Broadway Streetscape and Rehab	Maint/Rehab	SF-110007	\$1,912						\$1,912
SF	SF DPW	Local Road	San Francisco Point Lobos Streetscape	SystMgmt	SF-090038	\$595						\$595
SF	SF DPW	Local Road	South of Market Alleysways Improvements, Phase 2	SystMgmt	SF-110012	\$2,340						\$2,340
SF	SF DPW	Local Road	SF - Better Market Street Transportation Elements	SystMgmt	SF-130001	\$500	\$500	\$500			\$204,400	\$206,400
SF	SF DPW	Local Road	SF - Second Street Complete Streets and Road Diet	SystMgmt	SF-130011	\$1,976			\$11,871			\$13,848
SF	SF DPW	Local Road	SF - Longfellow ES Safe Routes to School	SystMgmt	SF-130012	\$218	\$539					\$757
SF	SF DPW	Local Road	SF-ER Taylor ES Safe Routes to School	SystMgmt	SF-130013	\$176	\$411					\$587
SF	SF DPW	Local Road	SF - Broadway Chinatown Complete Streets	SystMgmt	SF-130014	\$911			\$6,192			\$7,102
SF	SF DPW	State Highway	SR 1 - 19th Avenue Median Improvements	SystMgmt	SF-070025	\$1,337						\$1,337
SF	SFDPH	Local Road	SF SRTS Non-Infrastructure Program	SystMgmt	SF-130018	\$1,439						\$1,439
SF	SFMTA	Local Road	San Francisco Bicycle Route Improvements	Expansion	SF-070036	\$5,465						\$5,465
SF	SFMTA	Local Road	San Francisco Bicycle Parking	Expansion	SF-090039	\$235						\$235
SF	SFMTA	Local Road	Mission Bay/UCSF Multi-Modal Transportation Imps.	Expansion	SF-110002	\$23,272	\$2,000				\$37,010	\$62,282
SF	SFMTA	Local Road	Sunset and AP Giannini SR25 Improvements	Expansion	SF-110029	\$804						\$804
SF	SFMTA	Local Road	Linked Priced Electric Bikes	Expansion	SF-110037	\$422	\$1,459				\$1,880	\$1,880
SF	SFMTA	Local Road	Implement Parkmerced Street Network	Expansion	SF-130002	\$500			\$1,000		\$46,460	\$47,960
SF	SFMTA	Local Road	Twint Peaks Connectivity Planning	Expansion	SF-130022		\$191					\$191
SF	SFMTA	Local Road	SF Downtown Parking Pricing	SystMgmt	SF-070040	\$46,525						\$46,525
SF	SFMTA	Local Road	Church and Duboce Bike/Ped Enhancements	SystMgmt	SF-090041	\$474						\$474
SF	SFMTA	Local Road	Sunset Boulevard Ped Safety and Education	SystMgmt	SF-090042	\$1,299						\$1,299
SF	SFMTA	Local Road	Second St Phase 1 - SFgo Signal Rehab and Upgrade	SystMgmt	SF-110008	\$841						\$841

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SF	SFMTA	Local Road	SF Ped Safety and Encouragement Campaign	SystMgmt	SF-110039	\$1,000						\$1,000
SF	SFMTA	Local Road	SF Crosswalk Conversion	SystMgmt	SF-110040	\$378						\$378
SF	SFMTA	Local Road	Local PDA Planning - San Francisco	SystMgmt	SF-110047	\$2,689						\$2,689
SF	SFMTA	Local Road	Mansell Corridor Complete Streets	SystMgmt	SF-130015	\$744	\$4,531					\$5,275
SF	SFMTA	Local Road	Masonic Avenue Complete Streets	SystMgmt	SF-130016	\$2,340	\$0	\$15,888				\$18,228
SF	SFMTA	Local Road	Eddy and Ellis Traffic Calming Improvement Project	SystMgmt	SF-130019	\$365	\$1,345					\$1,710
SF	SFMTA	State Highway	SFGO-Corridor Management	SystMgmt	SF-070030	\$54,871						\$54,871
SF	SFMTA	Transit	SF Muni Third St LRT Phase 2 - New Central Subway	Expansion	SF-010037	\$771,151	\$245,677	\$225,502	\$150,000	\$35,669		\$1,578,000
SF	SFMTA	Transit	Glen Park Intermodal Facility	Expansion	SF-050039	\$4,296						\$4,296
SF	SFMTA	Transit	Historic Streetcar Extension to Fort Mason	Expansion	SF-070003	\$0		\$41	\$41	\$302	\$49,575	\$49,959
SF	SFMTA	Transit	Additional Light Rail Vehicles to Expand Muni Rail	Expansion	SF-090012	\$1,200		\$2,000	\$2,000	\$41,273		\$44,473
SF	SFMTA	Transit	Geneva/Harney Limited/Express Bus Service	Expansion	SF-090013			\$1,000	\$1,000			\$2,000
SF	SFMTA	Transit	Transit Center in Hunters Point	Expansion	SF-090016	\$6,300						\$6,300
SF	SFMTA	Transit	Express/Ltd Bus Service into Hunters Point (north)	Expansion	SF-090017	\$2,800						\$2,800
SF	SFMTA	Transit	Oakdale-Palou Interim High-Capacity Bus Corridor	Expansion	SF-090018	\$5,000						\$5,000
SF	SFMTA	Transit	Extended Trolleybus Service into Hunters Point	Expansion	SF-090019	\$2,700						\$2,700
SF	SFMTA	Transit	Geneva-Harney BRT to Hunters Point - Geneva Extn	Expansion	SF-090020			\$1,000	\$1,000			\$2,000
SF	SFMTA	Transit	Geneva-Harney BRT to Hunters Point - Geneva Portio	Expansion	SF-090021	\$0		\$1,000	\$1,000			\$2,000
SF	SFMTA	Transit	Geneva-Harney BRT to Hunters Point - Harney Portio	Expansion	SF-090023			\$1,000	\$1,000			\$2,000
SF	SFMTA	Transit	19th Ave. & Parkmerced M-Line Realignment	Expansion	SF-130003				\$2,000	\$78,910		\$80,910
SF	SFMTA	Transit	SFMTA: Purchase 60 foot expansion motor coaches	Expansion	SF-130020	\$30,500						\$30,500
SF	SFMTA	Transit	SFMTA: Wayside Fare Collection Equipment	Maint/Rehab	SF-030013	\$38,816						\$38,816
SF	SFMTA	Transit	SFMTA: Train Control & Trolley Signal Rehab/Replace	Maint/Rehab	SF-050024	\$53,020						\$53,020
SF	SFMTA	Transit	SFMTA: Escalator Rehabilitation	Maint/Rehab	SF-050026	\$20,290						\$20,290
SF	SFMTA	Transit	Light Rail Vehicle Overhaul Program	Maint/Rehab	SF-070045	\$52,305			\$5,230			\$57,534
SF	SFMTA	Transit	SFMTA: Trolley Coach Replacement	Maint/Rehab	SF-070046	\$128,218						\$128,218
SF	SFMTA	Transit	SFMTA: Rehab 170 Neoplans	Maint/Rehab	SF-090031	\$18,290						\$18,290
SF	SFMTA	Transit	SF Muni - Preventive Maintenance	Maint/Rehab	SF-090035	\$15,093						\$15,093
SF	SFMTA	Transit	SFMTA: Paratransit Vehicle Replacements	Maint/Rehab	SF-090043	\$9,358						\$9,358
SF	SFMTA	Transit	SFMTA: Replace 45 NABI Motor Coaches & 17 Gilligs	Maint/Rehab	SF-110010	\$61,693						\$61,693
SF	SFMTA	Transit	SFMTA: Transportation Asset Management System	Maint/Rehab	SF-110050	\$11,000						\$11,000
SF	SFMTA	Transit	SFMTA: Replace 58 40' Neoplan Buses	Maint/Rehab	SF-110051	\$41,514						\$41,514
SF	SFMTA	Transit	SFMTA: Replace 26 60' Neoplan Buses	Maint/Rehab	SF-110073	\$26,073						\$26,073
SF	SFMTA	Transit	SF Muni Rail Replacement Program	Maint/Rehab	SF-970073	\$185,022						\$185,022
SF	SFMTA	Transit	SFMTA: Cable Car Vehicle Renovation Program	Maint/Rehab	SF-970170	\$22,355						\$22,355
SF	SFMTA	Transit	SFMTA: Trolley Overhead Recon. Program	Maint/Rehab	SF-990004	\$144,303						\$144,303
SF	SFMTA	Transit	Islais Creek Motor Coach Facility	Maint/Rehab	SF-990004	\$120,985						\$120,985
SF	SFMTA	Transit	Cable Car Traction Power & Guideway Rehab	Maint/Rehab	SF-991002	\$68,240						\$68,240
SF	SFMTA	Transit	SFMTA: Historic Rail Car Rehabilitation	Maint/Rehab	SF-991005	\$87,394						\$87,394
SF	SFMTA	Transit	SFMTA - Free Muni for Youth Program	Operations	SF-990022	\$206,983						\$206,983
SF	SFMTA	Transit	SFMTA: ADA Paratransit operating support	SystMgmt	SF-090032	\$6,624	\$1,000					\$7,624
SF	SFMTA	Transit	SFMTA: TEP Capital Implementation Program	SystMgmt	SF-110016	\$4,572						\$4,572
SF	SFMTA	Transit	San Francisco Market & Haight St. Transit/Ped Imps	SystMgmt	SF-110042	\$6,100						\$6,100
SF	SFMTA	Transit	SFMTA: N-Judah Customer First Program	SystMgmt	SF-110043	\$10,440						\$10,440
SF	SFMTA	Transit	SFMTA: Mission Customer First Program	SystMgmt	SF-110045	\$11,637						\$11,637
SF	SFMTA	Transit	SFMTA: 8X Customer First Program	SystMgmt	SF-990003	\$28,927						\$28,927
SF	SFMTA	Transit	Global Positioning System	Expansion	SF-010015	\$1,196,396	\$108,985	\$594,019				\$1,899,400
SF	TBJPA	Transit	Transbay Term/Caltarin Downtown Ext - Ph.1	Expansion	SF-050002	\$78,415						\$78,415
SF	TBJPA	Transit	Transbay Terminal/Caltarin Downtown Ext: Ph. 2	Expansion	SF-070029			\$185,396	\$2,023,600			\$2,209,000
SF	TBJPA	Transit	Transbay Transit Center - TIFIA Loan Debt Service	Expansion	SF-070029			\$4,088	\$1,070,972			\$1,075,061
SF	WETA	Transit	WETA: Replace Ferry Vessels	Maint/Rehab	SF-110053	\$26,177						\$26,177
Totals for San Francisco County						\$4,728,631	\$705,200	\$1,191,353	\$470,148	\$1,582,290	\$5,389,162	\$14,066,685

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SM	Atherton	Local Road	Atherton-Fair Oaks-Middlefield Preservation	Maint/Rehab	SM-110074		\$20	\$435				\$455
SM	BART	Transit	BART: Preventive Maintenance	Maint/Rehab	SM-050005	\$33,214						\$33,214
SM	BART	Transit	Daly City BART Station Intermodal Improvements	Expansion	SM-130029		\$550		\$550			\$1,100
SM	Belmont	Local Road	Ralston Avenue Pedestrian Route Improvements	Expansion	SM-130017		\$30	\$290				\$320
SM	Belmont	Local Road	Old County Road Bicycle/Pedestrian Improvements	Expansion	SM-130018		\$15	\$335				\$350
SM	Belmont	Local Road	Belmont Pavement Reconstruction Program	Maint/Rehab	SM-130007		\$75	\$604				\$679
SM	Brisbane	State Highway	US 101/Candlestick Interchange	SystMgmt	SM-090004	\$490	\$400				\$13,890	\$13,890
SM	Burlingame	Local Road	Carolan Ave Complete Streets and Road Diet	SystMgmt	SM-130021	\$174	\$986					\$1,160
SM	Caltrain	Transit	Caltrain South Terminal Phase II and III	Expansion	SM-070008	\$1,500			\$14,000			\$15,500
SM	Caltrain	Transit	San Mateo Bridges Replacement	Maint/Rehab	SM-010054	\$32,491					\$10,086	\$42,577
SM	Caltrain	Transit	Narrow Banded Project	Maint/Rehab	SM-090001	\$2,593						\$2,593
SM	Caltrain	Transit	Caltrain TVM Replacement	Maint/Rehab	SM-110076	\$1,225						\$1,225
SM	Caltrain	Transit	Caltrain: ADA Operating Set-aside	Operations	SM-050040	\$1,542						\$1,542
SM	Caltrain	Transit	Caltrain: Systemwide Security	SystMgmt	SM-030010	\$16,152						\$16,152
SM	Caltrain	Transit	VMS-PA Systems Integration	SystMgmt	SM-070002	\$1,100						\$1,100
SM	Caltrain	Transit	Caltrain Grade Separation Program	SystMgmt	SM-090021	\$147,050						\$147,050
SM	Caltrain	Transit	Caltrain Control Point Installation	SystMgmt	SM-130026			\$2,376				\$2,376
SM	Caltrain	Transit	Caltrain Off-peak Marketing Campaign	SystMgmt	SM-130027			\$50				\$50
SM	Caltrans	State Highway	US 101 Auxiliary Lanes - 3rd to Millbrae	Expansion	SM-010031	\$188,240						\$188,240
SM	Caltrans	State Highway	US 101 Auxiliary Lanes - Marsh Road to SCL County	Expansion	SM-030001	\$107,223						\$107,223
SM	Caltrans	State Highway	US 101 / Broadway Interchange Improvement	Expansion	SM-050028	\$79,828						\$79,828
SM	Caltrans	State Highway	SR 1 Devils Slide Bypass	Maint/Rehab	SM-979013	\$511,873						\$511,873
SM	Caltrans	State Highway	San Mateo County: Install TMS Elements	SystMgmt	SM-090023	\$2,163						\$2,163
SM	CCAG	Local Road	San Mateo Countywide ITS Improvements	SystMgmt	SM-070002			\$800	\$3,498			\$4,298
SM	CCAG	Local Road	San Mateo County Traffic Incident Management	SystMgmt	SM-070037	\$27,532						\$27,532
SM	CCAG	Local Road	San Mateo County SR25 Program	SystMgmt	SM-110022	\$4,607						\$4,607
SM	CCAG	State Highway	Dumbarton Bridge to US101 Connection Study	SystMgmt	SM-070029			\$478				\$478
SM	Daly City	Local Road	Callan Boulevard and King Drive Resurfacing	Maint/Rehab	SM-130005	\$708						\$708
SM	Daly City	Local Road	John Daly Boulevard Bicycle / Ped Improvements	SystMgmt	SM-130011	\$250	\$1,000					\$1,250
SM	Daly City	State Highway	SR 82 Daily City-Mission St. Pedestrian Imps.- Ph I	SystMgmt	SM-050046	\$2,632						\$2,632
SM	East Palo Alto	Local Road	US-101 Pedestrian/Bicycle Overcrossing	Expansion	SM-130028	\$250	\$350					\$600
SM	East Palo Alto	Local Road	Bay Rd Bicycle/Ped Improvements Phase II & III	Maint/Rehab	SM-070004	\$1,373	\$924	\$10,620				\$12,917
SM	East Palo Alto	Local Road	US 101 University Ave Interchange Improvements	SystMgmt	SM-070006	\$600	\$6,407					\$7,007
SM	Half Moon Bay	State Highway	Route 1 Improvements in Half Moon Bay	Expansion	SM-090015	\$600	\$50	\$2,000				\$2,650
SM	Menlo Park	Local Road	Menlo Park Various Streets and Roads Preservation	Maint/Rehab	SM-130010	\$65	\$427					\$492
SM	Menlo Park	Local Road	Menlo Park Various Streets Bike / Ped Improvements	SystMgmt	SM-130008	\$103	\$797					\$900
SM	Millbrae	Local Road	Menlo Park - Willow Rd Traffic Signal Modification	SystMgmt	SM-130023	\$301						\$301
SM	Millbrae	Local Road	US 101 Millbrae Ave Bike/Ped Bridge	Expansion	SM-050053		\$1,062				\$11,400	\$12,462
SM	Millbrae	Local Road	Millbrae Various Streets and Roads Preservation	Maint/Rehab	SM-130009	\$60	\$445					\$505
SM	MTC	Local Road	Regional Planning Activities and PPM - San Mateo	SystMgmt	SM-090024	\$8,660	\$355	\$165	\$462	\$338		\$10,318
SM	MTC	Local Road	Local PDA Planning - San Mateo	SystMgmt	SM-110067		\$1,912					\$1,912
SM	MTC	Tollway	Dumbarton Bridge Seismic Retrofit	Maint/Rehab	SM-130001	\$33,600						\$33,600
SM	Pacifica	Local Road	FY 2014-15 Linda Mar Boulevard Pavement Rehab	Maint/Rehab	SM-110073	\$50	\$487					\$537
SM	Pacifica	Local Road	Palmello Avenue Streetscape	SystMgmt	SM-130016	\$120	\$2,330					\$2,450
SM	Pacifica	State Highway	SR 1 - Fessler to West Port Drive Widening	Expansion	SM-050001	\$5,573	\$4,000	\$9,500	\$0			\$19,073
SM	Pacifica	State Highway	SR 1 San Pedro Creek Bridge Replacement	Maint/Rehab	SM-050052	\$12,805						\$12,805
SM	Portola Valley	Local Road	Town of Portola Valley Resurfacing Prog	Maint/Rehab	SM-130006	\$284						\$284
SM	Redwood City	Local Road	Blonquist Street Extension	Expansion	SM-090007		\$100					\$100
SM	Redwood City	Local Road	Middlefield Rd and Woodside Rd Intersection Improv	Expansion	SM-110065	\$85	\$425					\$510
SM	Redwood City	Local Road	Middlefield Road Bicycle / Ped Improvements	Expansion	SM-130022	\$540	\$3,752					\$4,292
SM	Redwood City	Local Road	Redwood City Various Streets Overlay	Maint/Rehab	SM-130002	\$20	\$628					\$648
SM	Redwood City	State Highway	US 101 / Woodside Interchange Improvement	Expansion	SM-050027		\$3,420	\$5,490	\$1,900			\$10,810
SM	SamTrans	Local Road	Making the Last Mile Connection TDM Program	SystMgmt	SM-110005	\$1,818						\$1,818
SM	SamTrans	Local Road	GRI - Removing Barriers to Livable Communities	SystMgmt	SM-110006	\$1,397						\$1,397
SM	SamTrans	State Highway	SR 82 - El Camino Real Grand Boulevard Initiative	SystMgmt	SM-050051	\$4,499						\$4,499
SM	SamTrans	Transit	SAMTRANS - Preventive Maintenance	Maint/Rehab	SM-030023	\$54,492			\$776			\$55,268
SM	SamTrans	Transit	Facility/Equipment Rehabilitation/Replacement	Maint/Rehab	SM-070049	\$1,233						\$1,233
SM	SamTrans	Transit	Santrans - Replace 62 1998 Gilling Buses	Maint/Rehab	SM-110062	\$35,630						\$35,630

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SM	San Mateo	Transit	SamTrans - Replacement of Articulated Bus Fleet	Replacement of 19 2007 Outaway Buses	SM-110068						\$33,354	\$41,488
SM	San Mateo	Transit	Replacement of 19 2007 Outaway Buses	Replacement of 19 2007 Outaway Buses	SM-110069		\$2,297	\$8,134				\$2,297
SM	San Mateo	Transit	SAMTRANS: Replacement of 14 2009 Minivans	Operations	SM-110070		\$774					\$774
SM	San Mateo	Transit	SAMTRANS: ADA Paratransit Operating Subsidy	Operations	SM-990026		\$7,221					\$7,221
SM	San Mateo	Transit	SAMTRANS: Advanced Communication System Upgrades	System Mgmt	SM-110053		\$13,495					\$13,495
SM	San Mateo	Transit	Reconfiguration of San Carlos Transit Center	System Mgmt	SM-110054		\$4,984					\$4,984
SM	San Mateo	Transit	SanTrans Service Plan (SSP)	System Mgmt	SM-130025		\$687					\$687
SM	San Bruno	Local Road	San Bruno Street Medians and Grand Blvd Imps	System Mgmt	SM-110011		\$838					\$838
SM	San Bruno	Local Road	San Bruno Transit Corridor Pedestrian Imps	System Mgmt	SM-110012		\$380	\$265				\$645
SM	San Bruno	Local Road	San Bruno Ave Street Medians Improvements	System Mgmt	SM-130019		\$30	\$830				\$860
SM	San Bruno	State Highway	SR 82 El Camino Real: Grand Boulevard Initiative	System Mgmt	SM-070031		\$1,079					\$1,079
SM	San Carlos	Local Road	East Side Community Transit Connectivity Imps	Expansion	SM-110028		\$2,771					\$2,771
SM	San Carlos	Local Road	Cresview Drive Pavement Rehabilitation-Phase 2	Main/Rehab	SM-110075		\$700					\$700
SM	San Carlos	State Highway	San Carlos Streetscape and Ped Improvements	Expansion	SM-130012		\$141	\$819				\$960
SM	San Carlos	State Highway	El Camino Real Pedestrian Upgrades	Expansion	SM-130014		\$217					\$217
SM	San Carlos	State Highway	US101/Holly Interchange modification	System Mgmt	SM-090008		\$3,500		\$2,000	\$13,500		\$19,000
SM	San Mateo	Local Road	Mount Diablo Ave. Rehabilitation	Main/Rehab	SM-130004		\$15	\$310				\$325
SM	San Mateo	Local Road	Smart Corridor Initial Implementation Project	System Mgmt	SM-090054		\$1,940					\$1,940
SM	San Mateo	Local Road	North Central Pedestrian Improvement Program	System Mgmt	SM-110084		\$147	\$1,408				\$1,554
SM	San Mateo	Local Road	San Mateo Citywide Crosswalk Improvements	System Mgmt	SM-130020		\$65	\$368				\$433
SM	San Mateo	State Highway	SR92/El Camino Real (SR82) Ramp Modifications	System Mgmt	SM-110047		\$2,705	\$1,500	\$7,895	\$4,000		\$16,100
SM	San Mateo Co	Local Road	CSRT South of Dam Conversion	Expansion	SM-110024		\$1,125					\$1,125
SM	San Mateo Co	Local Road	CSRT South of Hwy 92 Conversion	Expansion	SM-110063		\$1,405					\$1,405
SM	San Mateo Co	Local Road	Semantic Rd Bicycle / Ped Access Improvements	System Mgmt	SM-130015		\$42	\$320				\$362
SM	San Mateo Co	Public Lands/Trails	Midcoast Multi-Modal Trail	Expansion	SM-130032		\$565				\$6,000	\$6,565
SM	SF City/County	Public Lands/Trails	Southern Skyline Blvd. Ridge Trail Extension	Expansion	SM-130031		\$2,800	\$3,000			\$8,900	\$14,700
SM	SMCTA	Local Road	Woodside Road Widening - El Camino to Broadway	Expansion	SM-090011				\$700		\$1,900	\$2,600
SM	SMCTA	State Highway	SR 92 Shoulder Widening & Curve Correction	Expansion	SM-010002		\$600				\$4,700	\$5,300
SM	SMCTA	State Highway	Construct WB lane on Rte 92	Expansion	SM-090003		\$500	\$500	\$800		\$20,800	\$20,800
SM	SMCTA	State Highway	US 101 Aux lanes from Sierra Point to SF City Line	Expansion	SM-090009		\$500	\$700	\$2,000	\$2,000	\$35,200	\$35,200
SM	SMCTA	State Highway	Improve Rte 92 from SM Bridge to I-280	Expansion	SM-090013		\$8,590	\$3,072	\$48,022		\$59,674	\$59,674
SM	SMCTA	State Highway	US 101 / Willow Road Interchange Reconstruction	Main/Rehab	SM-010047			\$300			\$19,800	\$20,100
SM	SMCTA	State Highway	I-280/Route 1 interchange safety improvements	System Mgmt	SM-090010						\$18,211	\$24,339
SM	SMCTA	State Highway	Improve US 101 operations near Rte 92	System Mgmt	SM-090014		\$500	\$2,411	\$3,217			\$404
SM	SSF	Local Road	SSF Citywide Sidewalk Gap Closure Project	Expansion	SM-130003		\$47	\$357				\$404
SM	SSF	State Highway	US 101/Produce Avenue Interchange	Expansion	SM-110003		\$40	\$1,500			\$125,930	\$127,470
SM	SSF	State Highway	South San Francisco Grand Blvd Ped Improvements	System Mgmt	SM-130013		\$170		\$961			\$1,131
SM	SSF	State Highway	Grand Boulevard Initiative Complete Street Program	System Mgmt	SM-130030				\$2,539			\$2,539
SM	WETA	Transit	WETA: Redwood City Ferry Service	Expansion	SM-110002		\$13,000	\$2,000				\$15,000
Totals for San Mateo County						\$1,398,838	\$43,666	\$33,911	\$40,121	\$66,214	\$418,154	\$2,000,903

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SCL	ACE	Transit	ACE: ADA Operating Set-aside	Operations	ALA050042	\$528						\$528
SCL	Caltrain	Transit	South Terminal Wayside Power	Maint/Rehab	SCL110131	\$2,249						\$2,249
SCL	Caltrans	State Highway	SR 87 Guadalupe Freeway Corridor Landscaping	SystMgmt	SCL030008	\$8,925						\$8,925
SCL	Caltrans	State Highway	US 101 / SR 87 - Trimble Road Landscaping	SystMgmt	SCL050013	\$2,390						\$2,390
SCL	Campbell	Local Road	Virginia Avenue Sidewalks	Expansion	SCL130017		\$800					\$800
SCL	Gilroy	Local Road	Gilroy New Roman Channel and Lions Creek Trails	Expansion	SCL110032	\$760		\$1,169				\$1,929
SCL	Gilroy	Local Road	Eagleberry Street Resurfacing	Maint/Rehab	SCL130025	\$913						\$913
SCL	Los Altos	Local Road	Los Altos Various Streets and Roads Preservation	Maint/Rehab	SCL130023	\$35		\$352				\$387
SCL	Los Altos Hills	Local Road	El Monte Road Preservation	Maint/Rehab	SCL130013	\$35		\$315				\$350
SCL	Los Gatos	Local Road	Hillside Road Preservation	Maint/Rehab	SCL130014	\$18		\$139				\$157
SCL	Milpitas	Local Road	SR 237 - Calaveras Blvd Widening	Expansion	SCL050077			\$500	\$6,000			\$61,500
SCL	Milpitas	Local Road	Milpitas Various Streets and Roads Preservation	Maint/Rehab	SCL130035	\$60		\$1,867				\$1,927
SCL	Morgan Hill	Local Road	Monterey Road Preservation	Maint/Rehab	SCL130043	\$153		\$1,558				\$1,711
SCL	Mountain View	Local Road	Mountain View Various Rd Preservation & Bike Lanes	Maint/Rehab	SCL130018	\$151		\$1,318				\$1,469
SCL	Mountain View	Local Road	Mountain View Castro Street Complete Streets	SystMgmt	SCL130015		\$950					\$950
SCL	MTC	Local Road	Local PDA Planning - Santa Clara	SystMgmt	SCL110125		\$6,043					\$6,043
SCL	Palo Alto	Local Road	Arastadero Road Schoolscope/Multiluse Trail	Expansion	SCL130034	\$196		\$1,306				\$1,502
SCL	Palo Alto	Local Road	Palo Alto Various Street Resurfacing & Streetscape	Maint/Rehab	SCL130042	\$10		\$1,081				\$1,091
SCL	Palo Alto	Local Road	Palo Alto - Citywide Traffic Signal Upgrade	SystMgmt	SCL050091	\$45		\$458				\$503
SCL	Palo Alto	State Highway	Adobe Creek/ Highway 101 Bicycle Pedestrian Bridge	Maint/Rehab	SCL130041	\$1,500		\$8,000				\$9,500
SCL	San Jose	Local Road	Bay Trail Reach 9 & 9B	Expansion	SCL050082	\$815		\$63				\$8,538
SCL	San Jose	Local Road	San Jose Charcol Avenue Extension Over I-880	Expansion	SCL090003			\$2,200	\$1,000			\$30,200
SCL	San Jose	Local Road	Coleman Avenue Widening from I-880 to Taylor St.	Expansion	SCL090005				\$1,000	\$2,000		\$10,000
SCL	San Jose	Local Road	San Jose North 1st Street Core Area Streets Imps.	Expansion	SCL090007	\$100		\$900				\$61,000
SCL	San Jose	Local Road	Montague Expwy Widening - Lick Mill-Trade Zone	Expansion	SCL090010			\$500	\$1,000			\$13,500
SCL	San Jose	Local Road	San Jose - Autumn Street Extension	Expansion	SCL110006	\$1,300		\$7,000				\$9,000
SCL	San Jose	Local Road	San Jose: Los Gatos Creek Reach 5 Underpass	Expansion	SCL110029	\$1,450		\$100	\$1,000			\$4,550
SCL	San Jose	Local Road	Park Avenue Multi-Modal Improvements	Expansion	SCL110117	\$237		\$1,583				\$1,820
SCL	San Jose	Local Road	St. John Street Multi-Modal Improvements - Phase 1	Expansion	SCL110118	\$214		\$1,662				\$1,876
SCL	San Jose	Local Road	San Jose Citywide Bikeway Program	Expansion	SCL130004	\$157		\$1,299				\$1,456
SCL	San Jose	Local Road	St. Johns Bikeway and Pedestrian Improvements	Expansion	SCL130011	\$315		\$1,185				\$1,500
SCL	San Jose	Local Road	East San Jose Bikeways	Expansion	SCL130016	\$532		\$2,000				\$2,532
SCL	San Jose	Local Road	US 101 Zanker Road / North 4th Street/Skyport Drive	Expansion	SCL130047			\$2,000				\$112,000
SCL	San Jose	Local Road	San Jose Citywide Pavement Management Program	Maint/Rehab	SCL130005	\$600		\$12,503				\$13,103
SCL	San Jose	Local Road	Downtown San Jose Bike Lanes and De-couplet	SystMgmt	SCL090004		\$1,815	\$1,800	\$1,000			\$17,815
SCL	San Jose	Local Road	San Jose: Various Intersection Improvements	SystMgmt	SCL090008		\$1,200	\$1,600				\$29,000
SCL	San Jose	Local Road	Innovative Bicycle Detection System	SystMgmt	SCL110016	\$1,871						\$1,871
SCL	San Jose	Local Road	San Jose - San Carlos Multimodal Phase 2	SystMgmt	SCL110034	\$3,697						\$3,697
SCL	San Jose	Local Road	San Jose Walk N Roll - Safe Access	SystMgmt	SCL110057	\$653		\$567				\$653
SCL	San Jose	Local Road	San Jose Citywide SRTS Program	SystMgmt	SCL130006	\$174		\$567				\$1,307
SCL	San Jose	Local Road	Jackson Ave Bicycle and Pedestrian Improvements	SystMgmt	SCL130007	\$665		\$1,234				\$1,899
SCL	San Jose	Local Road	San Jose Walk N Roll Phase II	SystMgmt	SCL130008	\$1,000						\$1,000
SCL	San Jose	Local Road	San Jose Pedestrian Oriented Traffic Signals	SystMgmt	SCL130010	\$1,899		\$1,899				\$3,798
SCL	San Jose	Local Road	The Alameda Grand Blvd. Phase 2	SystMgmt	SCL130012	\$930			\$3,500			\$4,430
SCL	San Jose	Local Road	San Jose Smart Intersections Program	SystMgmt	SCL130036		\$1,307					\$1,307
SCL	San Jose	Public Lands/Trails	Almaden Expressway Trail	Expansion	SCL050039	\$592		\$1,500				\$2,192
SCL	San Jose	Public Lands/Trails	Coyote Creek Trail	Expansion	SCL050083	\$4,480						\$34,480
SCL	San Jose	Public Lands/Trails	Coyote Creek Trail Reach 5.3 (Brokaw to UPRR)	Expansion	SCL150002		\$805	\$250	\$1,458	\$125		\$2,945
SCL	San Jose	State Highway	US 101 / Blossom Hill JC Reconst & Road Widening	Expansion	SCL030006							\$15,167
SCL	San Jose	State Highway	US 101 / Mabury New Interchange	Expansion	SCL070004	\$500		\$1,000				\$19,250
SCL	San Jose	State Highway	I-880/Montague Expressway Interchange Improvements	Expansion	SCL090015			\$1,000	\$2,000	\$1,000		\$14,340
SCL	San Jose	State Highway	US 101 SB Trimble Road/De La Cruz Boulevard/Centra	SystMgmt	SCL090025							\$34,000
SCL	San Jose	Transit	San Jose International Airport People Mover	Expansion	SCL090019	\$2,075		\$1,000	\$2,000			\$508,925
SCL	San Jose	Local Road	Montague Expwy Widening - Trade Zone-I-680	Expansion	SCL090017	\$1,000			\$1,000			\$15,540
SCL	San Jose	Local Road	San Tomas Expressway Widening	Expansion	SCL110007	\$2,800		\$2,000				\$56,100
SCL	San Jose	Local Road	East San Jose Pedestrian Improvements	Expansion	SCL110121	\$320		\$2,340				\$2,660
SCL	San Jose	Local Road	Santa Clara County Noninfrastructure SRTS Program	Expansion	SCL130021	\$838						\$838
SCL	San Jose	Local Road	San Tomas Aquino Spur Multi-Use Trail Phase 2	Expansion	SCL130022	\$400		\$4,594				\$4,994

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SCL	Santa Clara Co	Local Road	San Tomas Expressway Box Culvert Rehabilitation	Maint/Rehab	SCL090002	\$9,617						\$9,617
SCL	Santa Clara Co	Local Road	Isabel Bridge Replacement (37C0089)	Maint/Rehab	SCL110108	\$730			\$4,300			\$5,030
SCL	Santa Clara Co	Local Road	Central Expressway Auxiliary Lanes	SystMgmt	SCL070049	\$4,350					\$12,650	\$17,000
SCL	Santa Clara Co	Local Road	Page Mill Road/I-280 Interchange Reconfiguration	SystMgmt	SCL110004		\$1,000		\$1,100		\$5,720	\$7,820
SCL	Santa Clara Co	Local Road	Capitol Expressway ITS and Bike/Ped Improvements	SystMgmt	SCL130037	\$1,434		\$8,700				\$10,134
SCL	Santa Clara Co	State Highway	US 101/Montague Expressway Interchange	Expansion	SCL090027		\$1,900		\$100	\$1,500	\$10,000	\$13,500
SCL	Saraboga	Local Road	Highway 9 Safety Improvements	SystMgmt	SCL070050	\$1,542	\$1,084				\$2,626	\$5,252
SCL	Saraboga	Local Road	Prospect Rd Complete Streets	SystMgmt	SCL130026	\$265			\$4,500			\$4,765
SCL	Saraboga	State Highway	Saraboga Village Sidewalk Rehabilitation	Maint/Rehab	SCL130027	\$19	\$183					\$202
SCL	Sunnyvale	Local Road	Fair Oaks Avenue Bikeway and Streetscape	Expansion	SCL130029		\$174	\$1,036				\$1,210
SCL	Sunnyvale	Local Road	Duane Avenue Roadway Preservation	Maint/Rehab	SCL130031	\$336	\$1,464					\$1,800
SCL	Sunnyvale	Local Road	SR 237/US 101/Mahinda Interchange Modifications	SystMgmt	SCL130033	\$2,000	\$2,000			\$11,000		\$15,000
SCL	Sunnyvale	Local Road	Sunnyvale/Saratoga Road Bike/Ped Safety Enhancements	SystMgmt	SCL130028		\$90	\$524				\$614
SCL	Sunnyvale	Local Road	Maude Avenue Bikeway and Streetscape	SystMgmt	SCL130030		\$135	\$695				\$830
SCL	Sunnyvale	Local Road	Sunnyvale SRTS Ped Infrastructure Improvements	SystMgmt	SCL130032	\$331	\$1,569					\$1,900
SCL	VTA	Public Lands/Trails	Sunnyvale East and West Channel Multi-Use Trails	Expansion	SCL130031	\$400	\$745	\$3,600				\$4,745
SCL	VTA	Local Road	Santa Clara Caltrain Station Bike/Ped Tunnel	Expansion	SCL090031	\$4,060	\$7,324					\$11,384
SCL	VTA	Local Road	Regional Planning Activities and PPM - Santa Clara	SystMgmt	SCL090035	\$14,628	\$696	\$628	\$1,053	\$784		\$18,572
SCL	VTA	Public Lands/Trails	Upper Penitencia Creek Multi-Use Trail	Expansion	SCL130020	\$2,124						\$2,124
SCL	VTA	State Highway	I-880 Coleman Avenue I/C Reconfiguration	Expansion	SCL010019	\$78,044						\$78,044
SCL	VTA	State Highway	SR-152/SR-156 Interchange Improvements	Expansion	SCL010040	\$44,983						\$44,983
SCL	VTA	State Highway	Garvey Debt. Srv. - SCL010019, SCL990030-31	Expansion	SCL030012	\$157,867	\$16,100					\$173,967
SCL	VTA	State Highway	New SR152 Alignment Study	Expansion	SCL090016	\$10,000						\$10,000
SCL	VTA	State Highway	SR 85 Express Lanes	Expansion	SCL090030	\$4,800	\$2,000			\$163,200		\$170,000
SCL	VTA	State Highway	Santa Clara County - US 101 Express Lanes	Expansion	SCL110002	\$8,200	\$2,000			\$414,800		\$425,000
SCL	VTA	State Highway	SR 237 Express Lanes: Zanker Rd to Mahinda Ave	Expansion	SCL110008	\$4,100	\$1,900			\$16,000		\$22,000
SCL	VTA	State Highway	SR 237 Express Lanes: Mahinda Avenue to SR 85	Expansion	SCL130002			\$2,000		\$3,200		\$5,200
SCL	VTA	State Highway	I-880 Stevens Creek Landscaping	SystMgmt	SCL130044	\$871	\$3,000		\$408	\$94		\$3,871
SCL	VTA	Transit	BART - Berrysessa to Capitol Expwy to Mueller Ave	SystMgmt	SCL150001			\$95		\$3,859		\$4,456
SCL	VTA	Transit	Capitol Expressway LRT Extension- Phase II	Expansion	BRT030001	\$1,000			\$18,672	\$3,942,628		\$3,962,300
SCL	VTA	Transit	Santa Clara/Alum Rock Transit Improvement/UBRT	Expansion	SCL050009	\$124,279				\$169,621		\$293,900
SCL	VTA	Transit	LRT Extension to Vasona Junction	Expansion	SCL090001	\$115,263				\$115,263		\$230,526
SCL	VTA	Transit	BART - Warm Springs to Berrysessa Extension	Expansion	SCL110005	\$23,000	\$2,000	\$1,000				\$26,000
SCL	VTA	Transit	El Camino Real Bus Rapid Transit	Expansion	SCL110009	\$1,358,124	\$411,689	\$378,310	\$276,362	\$97,415		\$2,521,900
SCL	VTA	Transit	Montague Expdy Ped Bridge at Milpitas BART Study	Expansion	SCL110010	\$27,500				\$206,200		\$233,700
SCL	VTA	Transit	Mountain View Double Track Improvements - Phase II	Expansion	SCL130040	\$807				\$160,700		\$161,507
SCL	VTA	Transit	VTA: Stevens Creek Bus Rapid Transit	Expansion	SCL150003	\$841						\$841
SCL	VTA	Transit	VTA: Standard & Small Bus Replacement	Maint/Rehab	SCL050001	\$5,300	\$24,700					\$30,000
SCL	VTA	Transit	VTA: Rail Replacement Program	Maint/Rehab	SCL050002	\$122,929						\$122,929
SCL	VTA	Transit	VTA: Rail Substation Rehab/Replacement	Maint/Rehab	SCL050049	\$24,370						\$24,370
SCL	VTA	Transit	VTA: TP OCS Rehab & Replacement	Maint/Rehab	SCL090044	\$21,892						\$21,892
SCL	VTA	Transit	VTA: Light Rail Bridge and Structure - SG Repair	Maint/Rehab	SCL110039	\$9,085						\$9,085
SCL	VTA	Transit	VTA: Kinkisharo LRV Overhaul Program	Maint/Rehab	SCL110100	\$1,700						\$1,700
SCL	VTA	Transit	VTA: LRV Body Shop Dust Separation Wall	Maint/Rehab	SCL110101	\$1,287						\$1,287
SCL	VTA	Transit	VTA: LRV Maintenance Shop Hoist	Maint/Rehab	SCL110102	\$693						\$693
SCL	VTA	Transit	VTA: Update Santa Teresa Interlock Signal House	Maint/Rehab	SCL110103	\$3,437						\$3,437
SCL	VTA	Transit	VTA: Light Rail Track Crossovers and Switches	Maint/Rehab	SCL110104	\$2,160						\$2,160
SCL	VTA	Transit	VTA: LR Signal Assessment / SCADA Replacement	Maint/Rehab	SCL110105	\$724						\$724
SCL	VTA	Transit	VTA: Preventive Maintenance	Maint/Rehab	SCL130046	\$3,500						\$3,500
SCL	VTA	Transit	VTA: ADA Operating Set Aside	Operations	SCL050046	\$571,642						\$571,642
SCL	VTA	Transit	VTA: ADA Bus Stop Improvements	SystMgmt	SCL050045	\$39,434						\$39,434
SCL	VTA	Transit	VTA: Renewable Energy Conversion Project	SystMgmt	SCL090041	\$4,088						\$4,088
SCL	VTA	Transit	VTA: San Jose High Volume Bus Stop Upgrade	SystMgmt	SCL090043	\$938						\$938
SCL	VTA	Transit	VTA: Light Rail Transit Signal Priority Improvement	SystMgmt	SCL110119	\$750						\$750
Totals for Santa Clara County						\$2,863,980	\$541,166	\$412,041	\$303,981	\$138,090	\$6,353,373	\$10,612,631

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SOL	Benicia	Local Road	Benicia Safe Routes to Schools Infrastructure Imps	Expansion	SOL130009		\$124					\$124
SOL	Benicia	Local Road	Benicia - East 2nd Street Preservation	Maint/Rehab	SOL130008		\$569					\$569
SOL	Benicia	Transit	Military/Southampton & Military/First Intermodal	Expansion	SOL100031		\$3,000					\$3,000
SOL	Benicia	Transit	Benicia Industrial Park Bus Hub Project	Expansion	SOL110008		\$1,250					\$1,250
SOL	Caltrans	State Highway	I-80/I-680 Creek On-Ramp and Bridge Widening	Expansion	SOL070002		\$3,924					\$3,924
SOL	Caltrans	State Highway	I-80/I-680 Aux Lanes Improvement Landscaping	Expansion	SOL050003		\$2,544					\$2,544
SOL	Dixon	Local Road	West A Street Preservation	Expansion	SOL130013		\$66	\$660				\$726
SOL	Dixon	Local Road	Dixon SR2S Infrastructure Improvements	Maint/Rehab	SOL130012		\$12	\$113				\$125
SOL	Fairfield	Local Road	Beck Avenue Preservation	Maint/Rehab	SOL130002		\$180	\$1,800				\$1,980
SOL	Fairfield	Transit	Fairfield/Vacaville Intermodal Rail Station	Expansion	SOL030002		\$40,992	\$21,950			\$17,603	\$80,545
SOL	Fairfield	Transit	Fairfield Transportation Center - Phase 3	Expansion	SOL110007		\$788	\$800			\$6,935	\$8,523
SOL	FWHA	Local Road	San Pablo Bay Entrance Rehabilitation	Maint/Rehab	SOL030015		\$625					\$625
SOL	F-S Transit	Transit	Fairfield Transit: 1 Gillig Bus Replacement	Maint/Rehab	SOL110041		\$706					\$706
SOL	F-S Transit	Transit	Fairfield-Suisun Transit: Operating Assistance	Operations	SOL010006		\$49,054					\$49,054
SOL	F-S Transit	Transit	Oliver Road Park and Ride	SysMgmt	SOL130001		\$1,315	\$628				\$1,943
SOL	MTC	Local Road	Regional Planning Activities and PPM - Solano	SysMgmt	SOL090006		\$7,672	\$191	\$98	\$274	\$203	\$8,642
SOL	MTC	State Highway	I-80 Express Lanes - Fairfield & Vacaville Ph I&II	Expansion	SOL110001		\$15,200	\$2,000				\$236,800
SOL	Rio Vista	State Highway	SR 12 crossing with updated lighting	SysMgmt	SOL130014		\$15	\$115				\$130
SOL	Solano County	Local Road	Cordella Hills Sky Valley	Expansion	SOL070012		\$2,750					\$2,750
SOL	Solano County	Local Road	Travis AFB: South Gate Improvement Project	Expansion	SOL070021		\$2,547					\$2,547
SOL	Solano County	Local Road	Suisun Valley Bicycle and Pedestrian Imps	Expansion	SOL130007		\$280		\$1,047			\$1,327
SOL	Solano County	Local Road	Roadway Preservation in Solano County	Maint/Rehab	SOL110036		\$1,013	\$680				\$1,693
SOL	Solano County	Local Road	Vacaville-Dixon Bicycle Route (Phase 5)	SysMgmt	SOL090035		\$915	\$1,966				\$2,881
SOL	Solano County	State Highway	Redwood-Fairgrounds Dr Interchange Imps (Study)	Expansion	SOL090015		\$1,609					\$1,609
SOL	SolTrans	Transit	SolTrans: Preventive Maintenance	Maint/Rehab	SOL070032		\$2,131					\$2,131
SOL	SolTrans	Transit	SolTrans: Bus Maintenance Facility Renovation	Maint/Rehab	SOL090033		\$3,688					\$3,688
SOL	SolTrans	Transit	Bus Replacement (Alternative Fuel)	Maint/Rehab	SOL090034		\$3,458					\$3,458
SOL	SolTrans	Transit	Bus Replacement (Local)	Maint/Rehab	SOL130019		\$1,953					\$1,953
SOL	SolTrans	Transit	SolTrans: ADA Paratransit Operating Subsidy	Operations	SOL110025		\$2,313					\$2,313
SOL	SolTrans	Transit	SolTrans: Capital Maintenance - Fuel	Operations	SOL110033		\$401					\$401
SOL	SolTrans	Transit	SolTrans: Operating Assistance	Operations	SOL110040		\$15,008					\$15,008
SOL	SolTrans	Transit	SolTrans: AVL Technology	SysMgmt	SOL090028		\$2,160					\$2,160
SOL	SolTrans	Transit	SolTrans: Technology Enhancements	SysMgmt	SOL110038		\$94					\$94
SOL	STA	Local Road	Jepson: Vanden Road from Peabody to Leisure Town	Expansion	SOL110003		\$8,700	\$0	\$21,756			\$30,456
SOL	STA	Local Road	Jepson: Wallers Rd Ext - Peabody Rd Widening	Expansion	SOL110004		\$1,454				\$11,977	\$13,431
SOL	STA	Local Road	Jepson: Leisure Town Road from Vanden to Commerce	Expansion	SOL110005		\$1,926	\$1,016	\$21,442	\$3,685		\$28,068
SOL	STA	Local Road	Jepson: Leisure Town Road (Commerce to Orange)	Expansion	SOL110006		\$995	\$893	\$1,074		\$9,360	\$12,322
SOL	STA	Local Road	Solano Safe Routes to School Program	SysMgmt	SOL110019		\$2,287					\$2,287
SOL	STA	Local Road	Local PDA Planning - Solano	SysMgmt	SOL110039		\$1,782					\$1,782
SOL	STA	Local Road	Local PCA Planning - Solano	SysMgmt	SOL130011		\$75	\$10				\$85
SOL	STA	State Highway	I-80/I-680/SR 12 Interchange Project	Expansion	SOL070020		\$150,507				\$567,413	\$717,920
SOL	STA	Transit	Eastern Solano / SNCI Rideshare Program	SysMgmt	SOL110020		\$1,105					\$1,105
SOL	STA	Transit	Solano Transit Ambassador Program	SysMgmt	SOL130010		\$282					\$282
SOL	Suisun City	Local Road	Grizzly Island Trail - Phase 1	Expansion	SOL110012		\$2,164					\$2,164
SOL	Suisun City	Local Road	Driftwood Drive Path	Expansion	SOL130020		\$50	\$349				\$399
SOL	Suisun City	Transit	Wallers Road-Pintail Drive Preservation	Maint/Rehab	SOL130004		\$417					\$417
SOL	Vacaville	Local Road	Suisun-Fairfield Intercity Rail Station Access Imp	SysMgmt	SOL130003		\$124	\$507				\$631
SOL	Vacaville	Local Road	Allison Bicycle / Ped Improvements	Expansion	SOL130005		\$76	\$45	\$390			\$511
SOL	Vacaville	Local Road	Ulatus Creek Bike/Ped Path & Siscope McCellan-Depot	Expansion	SOL130006		\$170	\$395				\$565
SOL	Vacaville	Local Road	Vacaville Various Street and Roads Preservation	Maint/Rehab	SOL110043		\$1,451					\$1,451
SOL	Vacaville	Local Road	Vacaville Transit - Curb Ramps	SysMgmt	SOL110034		\$50					\$50
SOL	Vacaville	Local Road	Vacaville SRTS Infrastructure Improvements	SysMgmt	SOL130016		\$30	\$0	\$313			\$343
SOL	Vacaville	State Highway	I-505/Vaca Valley Off-Ramp and Intersection Imprv.	Expansion	SOL090001		\$1,540					\$1,540
SOL	Vacaville	Transit	Vacaville Intermodal Station - Phase 2	Expansion	SOL110009		\$2,077			\$9,133		\$11,210
SOL	Vacaville	Transit	Vacaville Transit - Procure 3 Fixed Route Buses	Expansion	SOL110042		\$1,590					\$1,590
SOL	Vacaville	Transit	Procure 3 Low Floor Paratransit Buses	Expansion	SOL130018		\$493					\$493
SOL	Vacaville	Transit	Vacaville: Purchase bus shelters	Maint/Rehab	SOL97AM70		\$882					\$882
SOL	Vacaville	Transit	Purchase Transit Equipment - Fareboxes and Tools	Maint/Rehab	SOL991099		\$423					\$423

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SOL	Vacaville	Transit	Vacaville Transit: Operating Assistance	Operations	SOL010007	\$15,529						\$15,529
SOL	Vacaville	Transit	Transit Marketing and Public Outreach	SystMgmt	SOL130017				\$215			\$215
SOL	Vacaville	Transit	Vacaville: Bus maintenance facility upgrades	SystMgmt	SOL950024	\$1,699						\$1,699
SOL	Vallejo	Local Road	Vallejo Downtown Streetscape	SystMgmt	SOL110035	\$2,418		\$1,476				\$3,894
SOL	Vallejo	Local Road	Vallejo SRTS Infrastructure Improvements	SystMgmt	SOL130015		\$23	\$258				\$280
SOL	Vallejo	State Highway	I-80 / American Canyon Rd overpass improvements	Expansion	SOL990018					\$5,230		\$5,230
SOL	Vallejo	State Highway	Sonoma Boulevard Improvements HSP5-04-031	SystMgmt	SOL110037	\$352						\$352
SOL	Vallejo	Transit	Vallejo Curtola Transit Center	Expansion	SOL050012	\$11,750						\$11,750
SOL	Vallejo	Transit	Vallejo Ferry Terminal (Intermodal Station)	Expansion	SOL950035	\$79,130						\$79,130
SOL	WETA	Transit	North Bay Operations and Maintenance Facility	Expansion	SOL991032	\$21,295	\$6,900					\$28,195
Totals for Solano County						\$481,065	\$38,295	\$49,663	\$5,221	\$203	\$847,455	\$1,421,903

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SON	Caltrans	Local Road	Rehab King Ridge Bridge over Austin Crk 20C0433	Expansion	SON070026		\$450				\$1,503	\$2,038
SON	Caltrans	State Highway	Son 101 HOV - SR 12 to Steele Lane I/C	Expansion	SON010001		\$3,096	\$2,967	\$85			\$6,063
SON	Caltrans	State Highway	HWY 101 HOV Lane 12/Steel - Follow-up College Ave	Expansion	SON110001		\$9,348					\$9,348
SON	Caltrans	State Highway	Son 101 HOV - Rohnert Park Expwy to Santa Rosa Av	Expansion	SON050005		\$89,715					\$89,715
SON	Cloverdale	Local Road	Cloverdale - Safe Routes to School Phase 2	Expansion	SON130016		\$66	\$101	\$250			\$417
SON	Cotati	Local Road	Cotati - Old Redwood Highway S. Preservation	Maint/Rehab	SON130008		\$50	\$250				\$300
SON	Cotati	Local Road	Downtown Specific Plan Area Revitalization	SystMgmt	SON110007		\$2,050					\$2,050
SON	Cotati	Transit	City of Cotati Train Depot	Expansion	SON110015		\$4,441					\$4,441
SON	FWSL	Local Road	San Pablo Bay NWR Access Road in Petaluma	Expansion	SON110030		\$23,480					\$23,480
SON	Healdsburg	Local Road	Healdsburg Foss Creek Bicycle/Ped Pathway	Expansion	SON050017		\$3,888					\$3,888
SON	Healdsburg	Local Road	Healdsburg Various Streets & Roads Rehabilitation	Maint/Rehab	SON130005		\$33	\$250				\$283
SON	Healdsburg	Local Road	Healdsburg Pedestrian Safety and Access Improvments	SystMgmt	SON110054		\$85	\$254				\$339
SON	MTC	Local Road	Regional Planning Activities and PPM - Sonoma	SystMgmt	SON090008		\$7,930	\$125	\$343	\$504		\$8,902
SON	MTC	Local Road	Stewarts Point Rancheria EV Pilot Program	SystMgmt	SON110034		\$376					\$376
SON	NBFS	Transit	Ferry Service to Port Sonoma	Expansion	SON070013		\$23,171					\$23,171
SON	Petaluma	Local Road	Petaluma Complete Streets	Maint/Rehab	SON130002		\$270	\$1,818				\$2,088
SON	Petaluma	Transit	Petaluma Transit: Preventive Maintenance	Maint/Rehab	SON090009		\$554					\$554
SON	Petaluma	Transit	Petaluma Paratransit: Replace 2 Vans	Maint/Rehab	SON090029		\$226					\$226
SON	Petaluma	Transit	Petaluma Transit: AVL System	Maint/Rehab	SON090030		\$150					\$150
SON	Petaluma	Transit	Petaluma Transit Maintenance Facility Rehab: Ph 1	Maint/Rehab	SON110004		\$750					\$750
SON	Petaluma	Transit	Petaluma Transit Maintenance Facility Rehab: Ph 2	Maint/Rehab	SON110033		\$1,000					\$1,000
SON	Petaluma	Transit	Petaluma: Replace 2 Paratransit Cutaways FY13	Maint/Rehab	SON110051		\$167					\$167
SON	Petaluma	Transit	Petaluma: Replace 2 Paratransit Cutaways FY14	Maint/Rehab	SON110052		\$172					\$172
SON	Petaluma	Transit	Petaluma Transit - Communications Equipment	SystMgmt	SON110032		\$58					\$58
SON	Petaluma	Transit	Petaluma Transit: Transit Signal Priority System	SystMgmt	SON130020		\$100		\$152			\$252
SON	Rohnert Park	Local Road	Copeland Creek Bike Path Reconstruction	Maint/Rehab	SON090032		\$740					\$740
SON	Rohnert Park	Local Road	Rohnert Park Various Streets Preservation	Maint/Rehab	SON130009		\$351	\$1,103				\$1,454
SON	Rohnert Park	Local Road	Rohnert Park Streetscape and Pedestrian Imps	SystMgmt	SON130007		\$120	\$500				\$620
SON	Santa Rosa	Local Road	SMART Bicycle and Pedestrian Path	Expansion	SON110017		\$1,266					\$1,266
SON	Santa Rosa	Local Road	Chanale Rd / Pedestrian and Transit Improvements	SystMgmt	SON110018		\$1,633					\$1,633
SON	Santa Rosa	Local Road	Downtown Santa Rosa Streetscape	SystMgmt	SON130006		\$500	\$143	\$664			\$807
SON	Santa Rosa	Local Road	Santa Rosa Cmpit Sis Road Diet on Transit Corridor	SystMgmt	SON130017		\$731	\$647	\$2,460			\$3,838
SON	Santa Rosa	Local Road	Roseland Area / Sebastopol Rd Priority Development	SystMgmt	SON130021		\$3,631					\$3,631
SON	Santa Rosa Bus	Transit	Hybrid Electric Bus Purchase (Replacement)	Maint/Rehab	SON070020		\$9,300					\$9,300
SON	Santa Rosa Bus	Transit	Santa Rosa CityBus: Preventative Maintenance	Maint/Rehab	SON090024		\$780	\$1,980				\$2,760
SON	Santa Rosa Bus	Transit	Santa Rosa CityBus: Fast-fill CNG Fueling Station	Maint/Rehab	SON110047		\$17,305					\$17,305
SON	Santa Rosa Bus	Transit	Santa Rosa CityBus: Operating Assistance	Operations	SON090023		\$512					\$512
SON	Santa Rosa Bus	Transit	SR CityBus - Capital Maintenance - Fuel	Operations	SON110045		\$410					\$410
SON	Santa Rosa Bus	Transit	Santa Rosa CityBus: Transit Enhancements	SystMgmt	SON030012		\$2,458					\$2,458
SON	Santa Rosa Bus	Transit	Downtown Transit Mail Connectivity Improvements	SystMgmt	SON070012		\$1,038					\$1,038
SON	Santa Rosa Bus	Transit	Automated Vehicle Location System	SystMgmt	SON090007		\$113					\$113
SON	Santa Rosa Bus	Transit	CityBus COA and Service Plan	SystMgmt	SON130018		\$33	\$250				\$283
SON	Sebastopol	Local Road	Sebastopol Various Streets and Roads Preservation	Maint/Rehab	SON130004		\$422,050	\$116,523				\$538,573
SON	SMART	Transit	Sonoma Marin Area Rail Corridor	Expansion	SON090002		\$817					\$817
SON	Son Co Reg Park	Local Road	Bodega Bay Trail Segments 1B and 1C	Expansion	SON070008		\$200	\$425				\$625
SON	Son Co Reg Park	Local Road	Central Sonoma Valley Trail	Expansion	SON110050		\$1,122					\$1,122
SON	Son Co Reg Park	Public Lands/Trails	SMART Trail-Heam Avenue to Joe Rodola Trail	Expansion	SON110013		\$36,849					\$36,849
SON	Son Co TA	Local Road	Improve U.S. 101/Old Redwood Highway Interchange	Expansion	SON090003		\$119,699					\$119,699
SON	Son Co TA	State Highway	Son 101 HOV - Steele Lane to Windsor (North)	Expansion	SON010019		\$132,352					\$132,352
SON	Son Co TA	State Highway	Son 101 HOV - Redwood Hwy to Rohnert Park Expwy	Expansion	SON010024		\$21,388					\$21,388
SON	Son Co TA	State Highway	US 101/East Washington I/C Reconfiguration	Expansion	SON050015		\$167,877	\$995				\$168,872
SON	Son Co TA	State Highway	US 101 Marin/Sonoma Narrows (Sonoma)	Expansion	SON070004		\$35,416	\$7,392				\$42,808
SON	Son Co TA	State Highway	US 101 Airport I/C (North B)	SystMgmt	SON090005		\$13,209					\$13,209
SON	Son Co Transit	Transit	Sonoma Co Transit: Preventive Maintenance Program	Maint/Rehab	SON030005		\$3,682					\$3,682
SON	Son Co Transit	Transit	Sonoma County Transit: Replacement Bus Purchase	Maint/Rehab	SON070024		\$575					\$575
SON	Son Co Transit	Transit	Sonoma County Transit: Bus Yard Rehab.	Maint/Rehab	SON110003		\$1,155					\$1,155
SON	Son Co Transit	Transit	Sonoma County Transit: Replacement Bus Purchase	Maint/Rehab	SON110049		\$347					\$347
SON	Son Co Transit	Transit	Sonoma County Transit: CNG Bus Replacements	Maint/Rehab	SON130019							

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SON	Son Co Transit	Transit	Sonoma County Transit Bus Stop Improvement	SystMgmt	SON050021		\$130					\$130
SON	Sonoma City	Local Road	Sonoma Various Streets and Roads Preservation	Maint/Rehab	SON130011		\$33	\$250				\$283
SON	Sonoma County	Local Road	Replace Laughlin Bridge over Mark West Crk 20C0246	Expansion	SON050001		\$1,325	\$100			\$12,620	\$14,045
SON	Sonoma County	Local Road	Replace Geysers Bridge over Sulpher Crk 20C0005	Expansion	SON090001		\$900	\$100	\$5,000			\$6,000
SON	Sonoma County	Local Road	Replace Chalk Hill Bridge over Maacama Crk 20C0242	Expansion	SON090025		\$573		\$6,200			\$6,773
SON	Sonoma County	Local Road	Replace Lambert Bridge over Dry Creek 20C0248	Expansion	SON090026		\$1,226	\$65	\$5,985			\$7,276
SON	Sonoma County	Local Road	Replace West Dry Creek Bridge over Pena Crk 20C0407	Expansion	SON090027		\$800	\$250		\$4,000		\$5,050
SON	Sonoma County	Local Road	Replace Bohan Dillon Bridge over Gualala 20C0435	Expansion	SON110024		\$520		\$1,450			\$1,970
SON	Sonoma County	Local Road	Replace Hauser Bridge over Gualala River 20C0240	Expansion	SON110025		\$990	\$50			\$5,544	\$6,584
SON	Sonoma County	Local Road	Replace Freestone Flat Bridge over Salmon 20C0440	Expansion	SON110026		\$613		\$2,644			\$3,257
SON	Sonoma County	Local Road	2011/12 Asphalt Overlay Program	Maint/Rehab	SON110028		\$4,445		\$3,377			\$4,445
SON	Sonoma County	Local Road	Sonoma County Various Streets & Roads Preservation	Maint/Rehab	SON130010		\$60					\$3,815
SON	Sonoma County	Local Road	Bodega Highway Pavement Rehabilitation	Maint/Rehab	SON130015		\$1,168	\$1,130				\$1,190
SON	Sonoma County	Local Road	Countywide Safe Routes to Schools Program	SystMgmt	SON110016							\$1,168
SON	Sonoma County	Local Road	Sonoma County - Safe Routes to School Program	SystMgmt	SON130014		\$1,379					\$1,379
SON	Sonoma County	Local Road	PDA Planning - Springs Area Plan	SystMgmt	SON150001		\$508					\$508
SON	Sonoma County	Local Road	PDA Planning - Airport Station/Specific Plan Amend	SystMgmt	SON150002		\$395					\$395
SON	Sonoma County	State Highway	Sonoma County Urban Footprint Planning	SystMgmt	SON130001		\$282					\$282
SON	Windor	Local Road	ORH at Lakewood Dr. Bike and Ped Facilities	Expansion	SON110044		\$1,452					\$1,452
SON	Windor	Local Road	Jaguar Way/Windor Road Bicycle/Ped Improvements	SystMgmt	SON130003		\$122	\$590				\$712
SON	Windor	Local Road	Conde Ln/Johnson St Pedestrian Improvements	SystMgmt	SON130012			\$97	\$392			\$489
SON	Windor	Local Road	Bell Rd/Market St/Windor River Rd Ped Improvement	SystMgmt	SON130013		\$92	\$372				\$464
Totals for Sonoma County						\$1,183,464	\$135,149	\$7,781	\$28,072	\$4,504	\$228,695	\$1,587,664

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REG	ACE	Transit	ACE Positive Train Control	SysMgmt	REG110044	\$6,160			\$146		\$23,694	\$30,000
REG	ACWA	Local Road	Green Star / Cool Schools Program	SysMgmt	REG110016	\$980						\$980
REG	Alameda County	Local Road	Local Government EV Fleet Program	SysMgmt	REG110013	\$2,808						\$2,808
REG	BAAQMD	Regional	Spare the Air Program	SysMgmt	REG130006	\$4,180						\$4,180
REG	BAAQMD	Transit	Spare the Air Program	SysMgmt	MTC980015	\$15,998						\$15,998
REG	BAIFA	Tollway	Regional Express Lane Network	SysMgmt	REG130004	\$6,700	\$25,800	\$93,000	\$80,000	\$27,300	\$42,300	\$275,100
REG	BART	Transit	BART Train Control Renovation	Maint/Rehab	BRT030004	\$189,977						\$189,977
REG	BART	Transit	BART: Traction Power System Renovation	Maint/Rehab	BRT030005	\$162,075						\$162,075
REG	BART	Transit	BART: Transbay Tube Seismic Retrofit	Maint/Rehab	BRT050003	\$276,175						\$276,175
REG	BART	Transit	BART: Rail, Way and Structures Program	Maint/Rehab	BRT971008	\$151,400						\$151,400
REG	BART	Transit	BART Car Exchange (Preventive Maintenance)	Maint/Rehab	REG050020	\$351,959		\$3,199				\$351,959
REG	BART	Transit	BART: Railcar Procurement Program	Maint/Rehab	REG090037	\$197,053	\$41,075		\$229,264		\$1,509,494	\$1,976,886
REG	BART	Transit	ADA Paratransit Capital Accessibility Improve	SysMgmt	BRT990018	\$34,058						\$34,058
REG	Caltrain	Transit	Caltrain: Revenue Vehicle Rehab Program	Maint/Rehab	REG090051	\$8,184						\$8,184
REG	Caltrain	Transit	Caltrain: Preventive Maintenance	Maint/Rehab	REG090053	\$14,713						\$14,713
REG	Caltrain	Transit	Caltrain Transit Asset Management System (CTAMS)	Maint/Rehab	REG110025	\$750						\$750
REG	Caltrain	Transit	Caltrain: Systemwide Track Rehab & Related Struct.	Maint/Rehab	SM-03006B	\$105,036						\$105,036
REG	Caltrain	Transit	Caltrain: Signal/Communication Rehab. & Upgrades	Maint/Rehab	SM-050041	\$33,469						\$33,469
REG	Caltrain	Transit	Caltrain Positive Train Control System	SysMgmt	REG110030	\$189,050	\$30,710	\$11,240				\$231,000
REG	Caltrans	Local Road	GL: Safety Improvements - SRTS	Expansion	VAR110012	\$15,958						\$15,958
REG	Caltrans	Local Road	GL: Bridge Rehab/Recon. - Local Hwy Bridge Program	Maint/Rehab	VAR110045	\$97,840	\$68,276	\$20,227	\$46,589	\$57,103	\$166,336	\$456,371
REG	Caltrans	State Highway	GL: Safety Improvements - SHOPP Mobility Program	Maint/Rehab	VAR110001	\$103,723	\$2,541	\$2,117	\$41,425			\$149,806
REG	Caltrans	State Highway	GL: Pavement Resurf/Rehab - SHOPP Roadway Presv.	Maint/Rehab	VAR110003	\$94,629	\$89,413	\$122,146	\$37,576			\$391,439
REG	Caltrans	State Highway	GL: Safety Imprv. - SHOPP Collision Reduction	Maint/Rehab	VAR110004	\$73,351	\$76,735	\$36,271	\$52,505	\$6,542		\$245,404
REG	Caltrans	State Highway	GL: Emergency Repair - SHOPP Emergency Response	Maint/Rehab	VAR110005	\$138,545	\$89,937	\$98,879	\$4,926	\$15,668		\$347,955
REG	Caltrans	State Highway	GL: Pmnt Resurf/Rehab SHS - Highway Maint.	Maint/Rehab	VAR110031	\$36,595						\$36,595
REG	Caltrans	State Highway	GL: Pmnt Resurf/Rehab State Hwy Sys - SHOPP Minor	Maint/Rehab	VAR110037	\$15,058						\$15,058
REG	Caltrans	State Highway	GL: Safety Improvements - SHOPP Mandates	Maint/Rehab	VAR110042	\$26,285	\$3,501	\$4,138	\$13,994	\$4,270		\$52,188
REG	Caltrans	State Highway	GL: Bridge Rehab and Reconstruction - SHOPP	Maint/Rehab	VAR110044	\$170,673	\$117,979	\$103,591	\$90,002	\$86,380		\$569,625
REG	Caltrans	State Highway	Statewide Archaeological Reburial Database	Other	REG110022	\$75						\$75
REG	Caltrans	State Highway	Cultural Resources Legacy Data Database	Other	REG110023	\$1,630						\$1,630
REG	Caltrans	State Highway	Georheological Study of Route 101 Corridor	Other	REG110024	\$358						\$358
REG	Caltrans	State Highway	GL: Safety Imprv - Highway Safety Improvement Prog	SysMgmt	VAR110007	\$46,282		\$4,957		\$14,867		\$66,106
REG	Caltrans	Transit	Oakland to San Jose Double Track (Segment 2A)	Expansion	REG150001						\$7,700	\$7,700
REG	Caltrans	Transit	GL: Elderly & Persons with Disability Program	Maint/Rehab	REG110042	\$7,921						\$7,921
REG	Caltrans	Transit	GL: FTA Non-Urbanized Formula Program	Operations	REG110041	\$15,083						\$15,083
REG	Caltrans	Transit	GL: Railroad/Highway Crossings	SysMgmt	VAR110046	\$3,212						\$3,212
REG	MTC	Local Road	Regional Streets and Roads Program	Maint/Rehab	REG090039	\$14,912		\$778				\$15,690
REG	MTC	Local Road	Regional Arterial Operations & Signal Timing Prog	SysMgmt	REG090046	\$12,660	\$3,500					\$16,160
REG	MTC	Local Road	Parking Pricing Regional Analysis	SysMgmt	REG110029	\$700						\$700
REG	MTC	Local Road	Transit Oriented Affordable Housing	SysMgmt	REG130005	\$10,000	\$10,000					\$20,000
REG	MTC	Regional	Regional Bicycle Sharing Program	Expansion	REG110010	\$10,703	\$8,725					\$19,428
REG	MTC	Regional	Regional Planning Activities and PPM - MTC	SysMgmt	REG090038	\$7,806	\$589	\$609	\$632	\$653	\$676	\$10,965
REG	MTC	Regional	Regional Planning Activities - ABAG	SysMgmt	REG090040	\$5,546		\$1,000				\$6,546
REG	MTC	Regional	Regional Planning Activities - BCDG	SysMgmt	REG090041	\$2,698						\$2,698
REG	MTC	Regional	511 Traveler Information	SysMgmt	REG090042	\$94,060		\$10,000				\$104,060
REG	MTC	Regional	Climate Initiatives Program Public Education	SysMgmt	REG090065	\$10,643	\$400					\$11,043
REG	MTC	Regional	Climate Initiatives Evaluation and Administration	SysMgmt	REG090066	\$3,200						\$3,200
REG	MTC	Regional	Electric Vehicle Funding Strategies	SysMgmt	REG110011	\$25	\$2,308					\$2,333
REG	MTC	Regional	Regional Planning - PDA Implementation	SysMgmt	REG110037	\$11,296						\$11,296
REG	MTC	Regional	Climate Change Adaptation/Vulnerability Assessment	SysMgmt	REG110043	\$1,200						\$1,200
REG	MTC	Regional	Regional Car Sharing	SysMgmt	REG130007		\$2,000					\$2,000
REG	MTC	Regional	Transportation Demand Management	SysMgmt	REG130008	\$6,000						\$6,000
REG	MTC	State Highway	Freeway Performance Initiative (FPI)	SysMgmt	REG090003	\$233,003	\$84,456		\$23,390			\$340,889
REG	MTC	Tollway	Toll Bridge Maintenance	Maint/Rehab	REG130001	\$24,000	\$12,000			\$12,000		\$72,000
REG	MTC	Tollway	Toll Bridge Rehabilitation Program	Maint/Rehab	REG130002	\$410,290	\$36,739	\$78,213	\$23,828	\$34,358	\$45,480	\$628,906
REG	MTC	Transit	Safe Routes to Transit	Expansion	MTC050021	\$18,000	\$2,000					\$20,000
REG	MTC	Transit	Station Area Planning Program & Implementation	Expansion	REG110014	\$9,417						\$9,417

Metropolitan Transportation Commission
Single Line Project Funding Report
Report by Fiscal Year
(All funding shown in \$1,000s)

Report Sorted by County, Sponsor, System, Purpose and TIP ID

County	Sponsor	System	Project Title	Purpose	TIP ID	Prior	FY 14/15	FY 15/16	FY 16/17	FY 17/18	Future	Total Funding
REG	MTC	Transit	GL: JARC FY 09 - FY 10 - Large UA	Operations	REG090002		\$19,275					\$19,275
REG	MTC	Transit	GL: JARC FY11-FY12 Large UA	Operations	REG110032	\$0	\$6,091					\$6,091
REG	MTC	Transit	GL: 5307 JARC Set-aside FY13-FY14 Large UA	Operations	REG110039		\$6,389					\$6,389
REG	MTC	Transit	Transit Commute Benefits Promotion	SystemMgmt	MT C050001	\$5,000						\$5,000
REG	MTC	Transit	Real-time Transit Information Program	SystemMgmt	MT C050020	\$20,000		\$1,000				\$21,000
REG	MTC	Transit	Transit Capital Inventory Improvements	SystemMgmt	REG050013	\$1,250						\$1,250
REG	MTC	Transit	Clipper Fare Collection System	SystemMgmt	REG090045	\$106,183	\$3,245					\$109,428
REG	MTC	Transit	GL: FY10 JARC Mobility Management	SystemMgmt	REG110028		\$974					\$974
REG	MTC-SAFE	State Highway	Incident Management Program	SystemMgmt	REG130003	\$19,347		\$16,356				\$35,703
REG	MTC-SAFE	State Highway	FSP and Call Box Program	SystemMgmt	REG130003	\$18,962						\$18,962
REG	Nail Park Svc	Local Road	Golden Gate Nat'l Rec. Area Road Rehab	Maint/Rehab	SF-030002	\$53,640						\$53,640
REG	Nail Park Svc	Public Lands/Trails	GL: US 208 Recreational Grants	Maint/Rehab	REG110040	\$487						\$487
REG	Nail Park Svc	Transit	Golden Gate Nat'l Rec. Area Non-Motorized Access	Maint/Rehab	SF-050045	\$15,689						\$15,689
REG	Nail Park Svc	Transit	Golden Gate Nat'l Rec. Area Water Transit Planning	SystemMgmt	SF-090024	\$1,075	\$822					\$1,897
REG	SF County TA	Local Road	Golden Gate Nat'l Rec. Area Transit Enhancements	SystemMgmt	SF-090027	\$1,499	\$1,947	\$62				\$3,498
REG	SFMTA	Local Road	eFleet: Carsharing Electrified	Expansion	REG110012	\$2,031						\$2,031
REG	Son Co TA	Regional	Electric Vehicle Taxis	SystemMgmt	REG110038	\$1,116						\$1,116
REG	WETA	Transit	Regional Dynamic Ridesharing Pilot	SystemMgmt	REG110015	\$2,521						\$2,521
REG	WETA	Transit	Ferry Service - Berkeley/Albany	Expansion	MT C050027	\$32,831	\$12,000					\$44,831
REG	WETA	Transit	WETA Ferry Expansion Studies	Expansion	MT C050028	\$9,280						\$9,280
REG	WETA	Transit	SF Ferry Terminal/Berthing Facilities	Expansion	MT C050029	\$19,500	\$33,608					\$53,108
REG	WETA	Transit	Treasure Island Ferry Service	Expansion	REG070003	\$1,000						\$1,000
REG	WETA	Transit	Maintenance Barge and Emergency Floats and Ramps	Expansion	REG110001	\$15,250						\$15,250
REG	WETA	Transit	WETA: Ferry Channel & Berth Dredging	Maint/Rehab	REG090054	\$3,295						\$3,295
REG	WETA	Transit	WETA: Ferry Propulsion System Replacement	Maint/Rehab	REG090055	\$24,357						\$24,357
REG	WETA	Transit	WETA: Ferry Major Component Rehab/Replacement	Maint/Rehab	REG090057	\$6,512						\$6,512
REG	WETA	Transit	WETA: Fixed Guideway Connectors	Maint/Rehab	REG090067	\$6,554						\$6,554
REG	WETA	Transit	WETA: Facilities Rehabilitation	Maint/Rehab	REG110020	\$331						\$331
REG	WETA	Transit	WETA: Revenue Vehicle Communication Equipment	Maint/Rehab	REG110021	\$182						\$182
VAR	Caltrans	State Highway	GL: Shoulder Imprv - SHOPP Roadside Preservation	Maint/Rehab	VAR130001		\$7,845	\$4,067	\$17,385	\$8,795		\$38,092
VAR	Dept Parks&Rec	Public Lands/Trails	GL: Recreational Trails Program	Expansion	VAR130004		\$6,686					\$6,686
VAR	MTC	Transit	GL: JARC FY12 Small UA & Rural	Operations	VAR130002		\$785					\$785
VAR	MTC	Transit	GL: New Freedom FY12 Small UA & Rural	Operations	VAR130003		\$785					\$785
VAR	MTC	Transit	GL: New Freedom FY12 Large UA	Operations	VAR130005		\$4,028					\$4,028
Totals for Multiple Counties												
Totals for the Region							\$21,655,095	\$2,907,001	\$2,491,159	\$1,545,090	\$2,409,058	\$48,645,832

APPENDIX A – 60

2015 TIP Detail

Approval Letters



Approval Letters for the
2015 TIP

will be included as they are received and
may be viewed at

[http://www.mtc.ca.gov/funding/tip/2015/
2015 TIP approval documentation.pdf](http://www.mtc.ca.gov/funding/tip/2015/2015_TIP_approval_documentation.pdf)

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APPENDIX A – 61

2015 TIP Detail

Fiscal Constraint for the 2015 TIP



TABLE 1: REVENUE

Metropolitan Transportation Commission
2014/15-2017/18 Federal Transportation Improvement Program
 (\$'s in 1,000)

1/6/2014

		4 YEAR (FSTIP Cycle)				
		2014/15	2015/16	2016/17	2017/18	
LOCAL	Sales Tax	\$871,563	\$896,075	\$920,269	\$950,532	\$3,638,438
	-- City					
	-- County	\$871,563	\$896,075	\$920,269	\$950,532	\$3,638,438
	Gas Tax	\$308,114	\$316,358	\$324,900	\$335,584	\$1,284,957
	-- Gas Tax (Subventions to Cities)	\$170,136	\$175,188	\$179,918	\$185,834	\$711,076
	-- Gas Tax (Subventions to Counties)	\$137,978	\$141,171	\$144,982	\$149,750	\$573,881
	Other Local Funds					
	-- County General Funds					
	-- City General Funds					
	-- Street Taxes and Developer Fees					
	-- RSTP Exchange funds					
REGIONAL	Transit	\$838,244	\$861,081	\$884,330	\$913,411	\$3,497,067
	-- Transit Fares	\$838,244	\$861,081	\$884,330	\$913,411	\$3,497,067
	Tolls (e.g. non-state owned bridges)					
	Other (See Appendix 1)	\$1,620,448	\$1,686,089	\$1,732,229	\$1,789,193	\$6,828,559
	Local Total	\$3,308,365	\$3,363,243	\$3,437,828	\$3,553,136	\$13,662,612
	Tolls	\$635,268	\$639,051	\$641,588	\$644,773	\$2,560,680
	-- Bridge	\$635,268	\$639,051	\$641,588	\$644,773	\$2,560,680
	-- Corridor					
	Regional Transit Fares/Measures					
	Regional Sales Tax					
STATE	Regional Bond Revenue					
	Regional Gas Tax					
	Vehicle Registration Fees (CARB Fees, SAFE)					
	Other (See Appendix 2)	\$926,132	\$937,421	\$948,992	\$960,818	\$3,773,363
	Regional Total	\$1,561,400	\$1,576,472	\$1,590,580	\$1,605,591	\$6,334,043
	State Highway Operations and Protection Program	\$346,213	\$338,476	\$342,383	\$159,231	\$1,186,303
	SHOPP	\$346,213	\$338,476	\$342,383	\$159,231	\$1,186,303
	SHOPP Prior					
	State Minor Program					
	State Transportation Improvement Program	\$150,929	\$122,800	\$57,774	\$72,900	\$404,403
FEDERAL TRANSIT	STIP	\$139,251	\$109,438	\$57,774	\$72,900	\$379,363
	STIP Prior	\$8,722	\$13,000			\$21,722
	Transportation Enhancement Prior	\$2,956	\$362			\$3,318
	Proposition 1 A	\$39,200	\$141,100	\$119,500	\$295,600	\$595,400
	Proposition 1 B	\$143,497	\$8,127	\$17,183	\$3,317	\$172,125
	GARVEE Bonds (Includes Debt Service Payments)	\$16,100				\$16,100
	Highway Maintenance (HM)					
	Traffic Congestion Relief Program (TCRP)	\$39,739				\$39,739
	State Transit Assistance (STA)(e.g., population/revenue based, Prop 42)					
	Active Transportation Program	\$38,920	\$46,133	\$144,468	\$928,649	\$1,158,169
FEDERAL HIGHWAY	Other (See Appendix 3)	\$171,631	\$235,830	\$228,363	\$235,214	\$908,118
	State Total	\$222,828	\$221,712	\$228,363	\$235,214	\$908,118
	5307 - Urbanized Area Formula Grants					
	5308 - Clean Fuel Formula Program					
	5309 - Fixed Guideway Capital Investment Grants					
	5309b - New and Small Starts (Capital Investment Grants)	\$308,271	\$332,755	\$250,000	\$247,415	\$1,138,441
	5309c - Bus and Bus Related Grants					
	5310 - Mobility of Seniors and Individuals with Disabilities	\$5,723	\$5,895	\$6,071	\$6,253	\$23,942
	5311 - Formula Grants for Rural Areas	\$1,965	\$2,024	\$2,084	\$2,147	\$8,220
	5311f - Intercity Bus					
INNOVATIVE FINANCING	5316 - Job Access and Reverse Commute Program					
	5317 - New Freedom					
	5320 - Transit in the Parks					
	5324 - Emergency Relief Program					
	5329 - Public Transportation Safety Program					
	5337 - State of Good Repair Grants	\$175,429	\$180,692	\$186,113	\$191,696	\$733,932
	5339 - Bus and Bus Facilities Formula Grants	\$13,805	\$13,868	\$14,284	\$14,713	\$56,671
	FTA Transfer from Prior FTIP	\$32,187				\$32,187
	Other (See Appendix 4)					
	Federal Transit Total	\$1,444,400	\$1,400,400	\$1,400,400	\$1,400,400	\$5,645,600
FEDERAL RAILROAD ADMINISTRATION	Congestion Mitigation and Air Quality (CMAQ) Improvement Program	\$67,774	\$67,774	\$67,774	\$67,774	\$271,094
	Construction of Ferry Boats and Ferry Terminal Facilities					
	Coordinated Border Infrastructure					
	Corridor Infrastructure Improvement Program					
	Federal Lands Access Program					
	Federal Lands Transportation Program	\$2,769	\$52			\$2,821
	High Priority Projects (HPP) and Demo	\$9,156	\$9,725	\$4,235		\$23,116
	Highway Bridge Program (HBP)	\$93,507	\$58,486	\$71,421	\$63,757	\$287,166
	Highway Safety Improvement Program (HSIP)	\$900	\$4,413	\$215		\$5,527
	Projects of National/Regional Significance					
INNOVATIVE FINANCING	Public Lands Highway					
	Railway Highway Crossings					
	Recreational Trails	\$398				\$398
	Surface Transportation Program (RSTP)	\$85,399	\$85,399	\$85,399	\$85,399	\$341,596
	Tribal High Priority Projects (THPP)					
	Tribal Transportation Program					
	Other (See Appendix 5)	\$2,610		\$16,948		\$19,558
	Federal Highway Total	\$222,828	\$221,712	\$228,363	\$235,214	\$908,118
	Other Federal Railroad Administration (see Appendix 6)					
	Federal Railroad Administration Total					
INNOVATIVE FINANCING	Federal Total	\$3,308,365	\$3,363,243	\$3,437,828	\$3,553,136	\$13,662,612
	TIFIA (Transportation Infrastructure Finance and Innovation Act)		\$171,000			\$171,000
	Other (See Appendix 7)					
REVENUE TOTAL		\$6,997,090	\$7,147,107	\$7,066,522	\$7,968,371	\$29,179,090

MPO Financial Summary Notes:

Metropolitan Transportation Commission
2014/15-2017/18 Federal Transportation Improvement Program
(\$'s in 1,000)

Appendix 1 - Local Other

Local Other	4 YEAR (FSTIP Cycle)				CURRENT TOTAL
	2014/15	2015/16	2016/17	2017/18	
Local Streets and Roads	\$412,378	\$421,450	\$432,829	\$447,063	\$1,713,721
Transportation Development Act (TDA)	\$332,829	\$344,543	\$353,846	\$365,487	\$1,396,699
Transit Non-Fare Revenues	\$267,632	\$299,644	\$307,735	\$317,855	\$1,192,866
TFCFA/AB 434 (Local Funds)	\$9,485	\$9,580	\$9,839	\$10,162	\$39,067
Existing County-wide Vehicle Registration Fee (\$10)	\$41,288	\$41,701	\$42,827	\$44,235	\$170,050
ECCRFA	\$10,000				\$10,000
Private	\$8,330	\$21,640	\$22,224	\$22,955	\$75,149
SFMTA General Fund, SFMTA Parking Revenues, Property	\$538,506	\$548,130	\$562,929	\$581,441	\$2,231,006
Local Other Total	\$1,620,448	\$1,686,689	\$1,732,229	\$1,789,193	\$6,828,559

Appendix 2 - Regional Other

Regional Other	4 YEAR (FSTIP Cycle)				CURRENT TOTAL
	2014/15	2015/16	2016/17	2017/18	
AB 1107 (BART Share)	\$212,626	\$218,770	\$225,092	\$231,597	\$888,085
AB 1107 (MTC Share)	\$64,010	\$65,860	\$67,763	\$69,821	\$267,353
TFCAB/AB 434 (Regional Funds)	\$14,228	\$14,370	\$14,547	\$14,726	\$57,871
RM2	\$117,577	\$118,165	\$118,756	\$119,350	\$473,848
AB664	\$12,693	\$12,756	\$12,819	\$12,883	\$51,151
2%	\$2,961	\$2,976	\$2,991	\$3,006	\$11,934
RM1	\$10,433	\$10,485	\$10,537	\$10,590	\$42,045
Seismic Surcharge, with carpool_ab1171	\$488,423	\$490,626	\$493,241	\$495,668	\$1,968,157
Regional Other Total	\$926,132	\$937,421	\$948,992	\$960,818	\$3,773,363

Appendix 3 - State Other

State Other	4 YEAR (FSTIP Cycle)				CURRENT TOTAL
	2014/15	2015/16	2016/17	2017/18	
Doyle Drive SHOPP, Van Ness BRT SHOPP	\$8,200	\$16,985			\$25,185
SHA - Doyle Drive Payments	\$28,597	\$28,692	\$144,132	\$928,649	\$1,130,070
SR2S	\$338		\$336		\$673
Coastal Conservancy PCA, State Boating Facilities	\$1,785	\$456			\$2,241
State Other Total	\$38,920	\$46,133	\$144,468	\$928,649	\$1,158,169

Appendix 4 - Federal Transit Other

[illegible]

Appendix 5 - Federal Highway Other

Federal Highway Other		4 YEAR (FSTIP Cycle)			CURRENT
	2014/15	2015/16	2016/17	2017/18	TOTAL
ST-STP			\$15,000		\$15,000
STP-Earmark			\$1,948		\$1,948
EPA	\$100				\$100
TCSP	\$1,021				\$1,021
VPPP	\$1,489				\$1,489
Federal Highway Other Total	\$2,610		\$16,948		\$19,558

Appendix 6 - Federal Railroad Administration Other

[illegible]

Appendix 7 - Innovative Other

[illegible]

TABLE 2: PROGRAMMED

Metropolitan Transportation Commission
2014/15-2017/18 Federal Transportation Improvement Program
(\$'s in 1,000)

1/6/2014

		4 YEAR (FSTIP Cycle)				
		2014/15	2015/16	2016/17	2017/18	
LOCAL	Local Total	\$1,307,891	\$935,643	\$312,869	\$554,936	\$3,111,340
REGIONAL	Tolls	\$229,721	\$185,612	\$132,428	\$83,258	\$631,018
	– Bridge	\$229,721	\$185,612	\$132,428	\$83,258	\$631,018
	– Corridor					
	Regional Transit Fares/Measures					
	Regional Sales Tax					
	Regional Bond Revenue					
	Regional Gas Tax					
	Vehicle Registration Fees (CARB Fees, SAFE)					
	Other (See Appendix A)	\$117				\$117
	Regional Total	\$229,837	\$185,612	\$132,428	\$83,258	\$631,135
STATE	State Highway Operations and Protection Program	\$346,213	\$338,476	\$342,383	\$159,231	\$1,186,303
	SHOPP	\$346,213	\$338,476	\$342,383	\$159,231	\$1,186,303
	SHOPP Prior					
	State Minor Program					
	State Transportation Improvement Program	\$145,224	\$122,438	\$57,774	\$72,900	\$398,336
	STIP	\$133,546	\$109,076	\$57,774	\$72,900	\$373,296
	STIP Prior	\$8,722	\$13,000			\$21,722
	Transportation Enhancement Prior	\$2,956	\$362			\$3,318
	Proposition 1 A	\$39,200	\$141,100	\$119,500	\$295,600	\$595,400
	Proposition 1 B	\$143,497	\$8,127	\$17,183	\$3,317	\$172,125
	GARVEE Bonds (Includes Debt Service Payments)	\$16,100				\$16,100
	Highway Maintenance (HM)					
	Traffic Congestion Relief Program (TCRP)	\$39,739				\$39,739
	State Transit Assistance (STA)(e.g., population/revenue based, Prop 42)					
	Active Transportation Program					
	Other (See Appendix B)	\$38,920	\$46,133	\$144,468	\$928,640	\$1,158,169
	State Total	\$768,892	\$655,271	\$681,308	\$7,459,697	\$13,565,172
FEDERAL TRANSIT	5307 - Urbanized Area Formula Grants					
	5308 - Clean Fuel Formula Program					
	5309 - Fixed Guideway Capital Investment Grants					
	5309b - New and Small Starts (Capital Investment Grants)	\$308,271	\$332,755	\$250,000	\$247,415	\$1,138,441
	5309c - Bus and Bus Related Grants					
	5310 - Mobility of Seniors and Individuals with Disabilities					
	5311 - Formula Grants for Rural Areas					
	5311f - Intercity Bus					
	5316 - Job Access and Reverse Commute Program					
	5317 - New Freedom					
	5320 - Transit in the Parks					
	5324 - Emergency Relief Program					
	5329 - Public Transportation Safety Program					
	5337 - State of Good Repair Grants					
	5339 - Bus and Bus Facilities Formula Grants					
	FTA Transfer from Prior FTIP	\$32,187				\$32,187
	Other (See Appendix C)					
	Federal Transit Total	\$308,271	\$332,755	\$250,000	\$247,415	\$1,138,441
FEDERAL HIGHWAY	Congestion Mitigation and Air Quality (CMAQ) Improvement Program	\$67,309	\$53,814	\$30,804		\$151,927
	Construction of Ferry Boats and Ferry Terminal Facilities					
	Coordinated Border Infrastructure					
	Corridor Infrastructure Improvement Program					
	Federal Lands Access Program					
	Federal Lands Transportation Program	\$2,769	\$52			\$2,821
	High Priority Projects (HPP) and Demo	\$9,156	\$9,725	\$4,235		\$23,116
	Highway Bridge Program (HBP)	\$93,507	\$58,486	\$71,421	\$63,752	\$287,166
	Highway Safety Improvement Program (HSIP)	\$900	\$4,413	\$215		\$5,527
	Projects of National/Regional Significance					
	Public Lands Highway					
	Railway Highway Crossings					
	Recreational Trails	\$398				\$398
	Surface Transportation Program (RSTP)	\$83,272	\$83,384	\$44,861		\$211,518
	Tribal High Priority Projects (THPP)					
	Tribal Transportation Program					
	Other (See Appendix D)	\$2,610		\$16,948		\$19,558
	Federal Highway Total	\$241,074	\$209,771	\$163,214	\$108,412	\$722,471
INNOVATIVE FINANCING	Other Federal Railroad Administration (see Appendix E)					
	Federal Railroad Administration Total					
	Federal Total	\$300,380	\$342,526	\$250,000	\$311,167	\$1,204,073
	TIFIA (Transportation Infrastructure Finance and Innovation Act)		\$171,000			\$171,000
PROGRAMMED TOTAL	Other (See Appendix F)					
	Innovative Financing Total		\$171,000			\$171,000
PROGRAMMED TOTAL		\$2,907,001	\$2,491,159	\$1,545,090	\$2,409,058	\$9,352,307

MPO Financial Summary Notes:

**Metropolitan Transportation Commission
2014/15-2017/18 Federal Transportation Improvement Program
(\$'s in 1,000)**

Appendix A - Regional Other

Regional Other	4 YEAR (FSTIP Cycle)				CURRENT TOTAL
	2014/15	2015/16	2016/17	2017/18	
TFCA	\$117				\$117
Regional Other Total	\$117				\$117

Appendix B - State Other

State Other	4 YEAR (FSTIP Cycle)				CURRENT TOTAL
	2014/15	2015/16	2016/17	2017/18	
Doyle Drive SHOPP, Van Ness BRT SHOPP	\$8,200	\$16,985			\$25,185
SHA - Doyle Drive Payments	\$28,597	\$28,692	\$144,132	\$928,649	\$1,130,070
SR2S	\$338		\$336		\$673
Coastal Conservancy PCA, State Boating Facilities	\$1,785	\$456			\$2,241
State Other Total	\$38,920	\$46,133	\$144,468	\$928,649	\$1,158,169

Appendix C - Federal Transit Other

[illegible]

Appendix D - Federal Highway Other

Federal Highway Other	4 YEAR (FSTIP Cycle)				CURRENT TOTAL
	2014/15	2015/16	2016/17	2017/18	
ST-STP			\$15,000		\$15,000
STP-Earmark			\$1,948		\$1,948
EPA	\$100				\$100
TCSP	\$1,021				\$1,021
VPPP	\$1,489				\$1,489
Federal Highway Other Total	\$2,610		\$16,948		\$19,558

Appendix E - Federal Railroad Administration Other

[illegible]

Appendix F - Federal Railroad Administration Other

[illegible]

TABLE 3: REVENUE-PROGRAMMED

1/6/2014

**Metropolitan Transportation Commission
2014/15-2017/18 Federal Transportation Improvement Program
(\$'s in 1,000)**

		4 YEAR (FSTIP Cycle)				
		2014/15	2015/16	2016/17	2017/18	
LOCAL	Local Total	\$2,330,479	\$2,824,580	\$3,548,465	\$3,433,784	\$12,117,308
REGIONAL	Tolls	\$405,547	\$453,439	\$509,160	\$561,515	\$1,929,662
	– Bridge	\$405,547	\$453,439	\$509,160	\$561,515	\$1,929,662
	– Corridor					
	Regional Transit Fares/Measures					
	Regional Sales Tax					
	Regional Bond Revenue					
	Regional Gas Tax					
	Vehicle Registration Fees (CARB Fees, SAFE)					
	Other	\$926,015	\$937,421	\$948,992	\$960,818	\$3,773,246
	Regional Total	\$1,331,562	\$1,390,860	\$1,458,152	\$1,522,333	\$5,702,908
STATE	State Highway Operations and Protection Program					
	SHOPP					
	SHOPP Prior					
	State Minor Program					
	State Transportation Improvement Program	\$5,705	\$362			\$6,067
	STIP	\$5,705	\$362			\$6,067
	STIP Prior					
	Transportation Enhancement Prior					
	Proposition 1 A					
	Proposition 1 B					
	GARVEE Bonds (Includes Debt Service Payments)					
	Highway Maintenance (HM)					
	Traffic Congestion Relief Program (TCRP)					
	State Transit Assistance (STA)(e.g., population/revenue based, Prop 42)					
	Active Transportation Program					
	Other					
	State Total	\$5,705	\$362			\$6,067
FEDERAL TRANSIT	5307 - Urbanized Area Formula Grants	\$222,828	\$221,712	\$228,363	\$235,214	\$908,118
	5308 - Clean Fuel Formula Program					
	5309 - Fixed Guideway Capital Investment Grants					
	5309b - New and Small Starts (Capital Investment Grants)					
	5309c - Bus and Bus Related Grants					
	5310 - Mobility of Seniors and Individuals with Disabilities	\$5,723	\$5,895	\$6,071	\$6,253	\$23,942
	5311 - Formula Grants for Rural Areas	\$1,965	\$2,024	\$2,084	\$2,147	\$8,220
	5311f - Intercity Bus					
	5316 - Job Access and Reverse Commute Program					
	5317 - New Freedom					
	5320 - Transit in the Parks					
	5324 - Emergency Relief Program					
	5329 - Public Transportation Safety Program					
	5337 - State of Good Repair Grants	\$175,429	\$180,692	\$186,113	\$191,696	\$733,932
	5339 - Bus and Bus Facilities Formula Grants	\$13,805	\$13,868	\$14,284	\$14,713	\$56,671
	FTA Transfer from Prior FTIP					
	Other					
	Federal Transit Total	\$419,050	\$422,106	\$430,550	\$441,776	\$1,693,482
FEDERAL HIGHWAY	Congestion Mitigation and Air Quality (CMAQ) Improvement Program	\$465	\$13,960	\$36,969	\$67,774	\$119,167
	Construction of Ferry Boats and Ferry Terminal Facilities					
	Coordinated Border Infrastructure					
	Corridor Infrastructure Improvement Program					
	Federal Lands Access Program					
	Federal Lands Transportation Program					
	High Priority Projects (HPP) and Demo					
	Highway Bridge Program (HBP)					
	Highway Safety Improvement Program (HSIP)					
	Projects of National/Regional Significance					
	Public Lands Highway					
	Railway Highway Crossings					
	Recreational Trails					
	Surface Transportation Program (RSTP)	\$2,127	\$2,015	\$40,538	\$85,399	\$130,079
	Tribal High Priority Projects (THPP)					
	Tribal Transportation Program					
	Other					
	Federal Highway Total	\$2,592	\$15,975	\$77,507	\$153,173	\$249,246
	Other Federal Railroad Administration					
	Federal Railroad Administration Total					
INNOVATIVE FINANCE	Federal Total	\$4,123,471	\$4,401,156	\$5,174,721	\$5,047,181	\$19,746,721
	TIFIA (Transportation Infrastructure Finance and Innovation Act)					
	Other					
	Innovative Financing Total					
REVENUE - PROGRAM TOTAL		\$4,090,089	\$4,655,948	\$5,521,433	\$5,559,314	\$19,826,784

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APPENDIX A – 62

2015 TIP Detail

Single Occupancy Vehicle (SOV) Project Listing



Projects in the 2015 TIP That Increase Single Occupancy Vehicle (SOV) Capacity

County	Sponsor	Project Name	TIP ID	Total Project Cost	Total TIP Funding
Alameda	San Leandro	SR 185- E. 14th St/ Hesperian Blvd/150th Ave	ALA050002	\$3,400,000	\$0
Alameda	ACTC	SR 84 Expressway Widening	ALA050014	\$110,319,000	\$60,809,000
Alameda	ACTC	I-880 North Safety Improvements	ALA050019	\$101,969,000	\$0
Alameda	ACTC/Oak/Ala	I-880/Broadway-Jackson Interchange	ALA070009	\$114,100,000	\$5,600,000
Alameda	San Leandro	I-880/SR 112 Overcrossing Replacement	ALA070014	\$5,589,000	\$0
Alameda	ACTC	I-580 (TriValley) Corridor - WB HOV & Connectors	ALA070018	\$136,818,888	\$0
Alameda	ACTC	I-580 (TriValley) Corridor - EB HOV Lanes	ALA070020	\$179,290,144	\$0
Alameda	ACTC	I-80 Integrated Corridor Mobility Project	ALA070041	\$92,855,000	\$0
Alameda	ACTC	I-580 WB HOT Corridor Project	ALA090004	\$23,393,399	\$0
Alameda	Pleasanton	I-680/Bernal Avenue interchange improvements	ALA090010	\$4,000,000	\$0
Alameda	San Leandro	I-880/Marina Blvd Interchange and Overcrossing Rep	ALA090012	\$25,900,000	\$2,000,000
Alameda	Pleasanton	I-580 / Foothill Road interchange improvements	ALA090013	\$3,750,000	\$0
Alameda	Hayward	Rt 92/Clawiter/Whitesell Interchange Improvements	ALA090016	\$55,000,000	\$1,900,000
Alameda	ACTC	Corridor Mobility Program & Adaptive Ramp Metering	ALA090019	\$47,000,000	\$7,429,000
Alameda	Hayward	I-880 Auxiliary lanes at Industrial Parkway	ALA090020	\$9,800,000	\$3,760,000
Alameda	Hayward	I-880 NB and SB Auxiliary lanes	ALA090021	\$23,190,000	\$2,000,000
Alameda	ACTC	I-580 WB Auxiliary Lane, First to Isabel	ALA090025	\$1,000,000	\$0
Alameda	Port of Oakland	7th Street Grade Separation and Roadway Improvemen	ALA090027	\$220,504,000	\$2,000,000
Alameda	Caltrans	I-580 N. Flynn-Greenville EB Truck Climbing Lane	ALA090028	\$77,400,000	\$0
Alameda	ACTC	I-880/Industrial Parkway West Interchange	ALA110002	\$41,000,000	\$3,000,000
Alameda	Oakland	Oakland Army Base Infrastructure Improvements	ALA110046	\$215,280,000	\$12,700,000
Alameda	MTC	SFOBB Gateway Park	ALA110104	\$16,500,000	\$11,000,000
Alameda	Fremont	Widen Kato Rd from Warren Avenue to Milmont Drive	ALA130001	\$12,690,000	\$2,250,000
Alameda	Dublin	Dougherty Road widening	ALA130005	\$18,860,000	\$15,600,000
Alameda	Dublin	Dublin Boulevard widening	ALA130006	\$4,200,000	\$0
Alameda	Fremont	Fremont City Center Multi-Modal Improvements	ALA130025	\$14,342,000	\$2,161,006

Projects in the 2015 TIP That Increase Single Occupancy Vehicle (SOV) Capacity

County	Sponsor	Project Name	TIP ID	Total Project Cost	Total TIP Funding
Alameda	ACTC	I-580 Eastbound Express/HOT Lanes	ALA130031	\$31,578,967	\$2,000,000
Alameda	ACTC	I-680 NB HOV/HOT Lane	ALA130034	\$205,000,000	\$11,000,000
Alameda	ACTC	Route 84 widening, Pigeon Pass to I-680	ALA150001	\$80,000,000	\$0
Alameda	Hayward	Route 238 Corridor Improvement	ALA977007	\$100,500,000	\$0
Alameda	ACTC	East-West Connector in Fremont & Union City	ALA978004	\$103,171,000	\$2,300,000

Projects in the 2015 TIP That Increase Single Occupancy Vehicle (SOV) Capacity

County	Sponsor	Project Name	TIP ID	Total Project Cost	Total TIP Funding
Contra Costa	Caltrans	SR 24 - Caldecott Tunnel 4th Bore	CC-010002	\$420,346,000	\$0
Contra Costa	CCTA	I-680/SR 4 I/C Reconstruction - Phases 1, 2, 4 & 5	CC-010023	\$369,316,000	\$500,000
Contra Costa	AC Transit	AC Transit: Richmond Prkwy Transit Center	CC-030001	\$18,800,000	\$0
Contra Costa	Martinez	Martinez Intermodal Station Parking Expansion	CC-030004	\$20,000,000	\$1,600,000
Contra Costa	CCTA	I-680 Auxiliary Lanes	CC-030005	\$34,000,500	\$1,520,000
Contra Costa	CCTA	SR 4 East Widening from Somersville to SR 160	CC-030028	\$384,802,441	\$0
Contra Costa	Antioch	Antioch - Wilbur Ave Bridge Widening	CC-050002	\$15,220,119	\$0
Contra Costa	CCCTA	Pacheco Transit Hub	CC-050010	\$2,805,742	\$0
Contra Costa	Richmond	I-80/Central Avenue Interchange Modification	CC-050076	\$21,019,000	\$3,674,000
Contra Costa	Antioch	Somersville Road Widening	CC-070004	\$10,700,000	\$0
Contra Costa	Antioch	Hillcrest Ave Extension	CC-070005	\$2,350,000	\$300,000
Contra Costa	Antioch	Sand Creek Road Extension	CC-070006	\$2,350,000	\$300,000
Contra Costa	Antioch	Antioch - Empire Road Widening	CC-070007	\$1,500,000	\$1,200,000
Contra Costa	Antioch	Laurel Road Extension	CC-070008	\$5,950,000	\$50,000
Contra Costa	Antioch	Slatten Ranch Road Extension - Lone Tree to Laurel	CC-070009	\$1,350,000	\$1,000,000
Contra Costa	Antioch	Antioch - Wild Horse Road Extension	CC-070010	\$2,205,000	\$2,000,000
Contra Costa	Brentwood	SR4/Brentwood Boulevard Widening - North (Phase I)	CC-070011	\$6,683,000	\$5,128,000
Contra Costa	Brentwood	SR4 (Brentwood Boulevard) Widening (South)	CC-070012	\$4,653,000	\$3,950,000
Contra Costa	Brentwood	Lone Tree Way Widening	CC-070014	\$15,515,000	\$1,555,000
Contra Costa	Brentwood	Central Blvd Widening (Phase II)	CC-070015	\$4,785,156	\$500,000
Contra Costa	CC County	Pacheco Blvd Widening and Realignment	CC-070018	\$16,170,000	\$3,600,000
Contra Costa	CCTA	I-680 NB HOV Lane Extension	CC-070022	\$48,000,000	\$2,000,000
Contra Costa	Concord	SR 242 / Clayton Road Interchange Improvements	CC-070024	\$34,720,000	\$2,800,000
Contra Costa	Concord	SR4/Willow Pass Interchange Improvements	CC-070025	\$33,000,000	\$2,000,000
Contra Costa	Concord	Commerce Avenue Extension	CC-070026	\$8,500,000	\$5,710,936
Contra Costa	Concord	Waterworld Parkway Extension and New Bridge	CC-070027	\$12,500,000	\$200,000
Contra Costa	CCTA	Reconstruct I-80/San Pablo Dam Rd Interchange	CC-070035	\$114,000,000	\$30,183,000

Projects in the 2015 TIP That Increase Single Occupancy Vehicle (SOV) Capacity

County	Sponsor	Project Name	TIP ID	Total Project Cost	Total TIP Funding
Contra Costa	Martinez	I-680/Marina Vista I/C Improvements	CC-070038	\$7,896,000	\$1,000,000
Contra Costa	Pittsburg	California Avenue Widening	CC-070041	\$13,400,000	\$0
Contra Costa	Pittsburg	West Leland Extension, Phase II	CC-070043	\$11,600,000	\$0
Contra Costa	Pittsburg	Pittsburg-Antioch Highway Widening	CC-070044	\$4,990,000	\$0
Contra Costa	Pittsburg	James Donlon Extension (Buchanan Rd Bypass)	CC-070045	\$33,500,000	\$1,500,000
Contra Costa	Richmond	Griffin Drive Railroad At-Grade Crossing	CC-070047	\$2,500,000	\$1,600,000
Contra Costa	St. Rte. 4 BA	SR4 Bypass: Sand Creek to Balfour Rd	CC-070048	\$12,400,000	\$10,000,000
Contra Costa	CCTA	SR4 Bypass: Laurel Rd to Sand Creek	CC-070049	\$16,600,000	\$0
Contra Costa	Walnut Creek	Pleasant Hill Geary Road Widening Phase 3	CC-070050	\$7,950,000	\$2,000,000
Contra Costa	Hercules	SR4/Willow Avenue Ramps	CC-070051	\$21,016,000	\$800,000
Contra Costa	CCTA	SR4: Balfour Road Interchange	CC-070053	\$46,400,000	\$0
Contra Costa	CCTA	SR4 /SR160 Interchange and Connectors	CC-070054	\$50,100,000	\$0
Contra Costa	CCTA	SR4 Bypass: Sand Creek Interchange	CC-070057	\$24,800,000	\$0
Contra Costa	EB Reg Park Dis	Atlas Road - New Bridge and Roadway Extension	CC-070063	\$2,151,500	\$0
Contra Costa	CC County	Kirker Pass Road NB Truck Climbing Lanes	CC-070075	\$13,000,000	\$3,351,000
Contra Costa	Brentwood	John Muir Parkway Extension (Phase I)	CC-070077	\$5,389,000	\$0
Contra Costa	Brentwood	John Muir Parkway Extension: Ph. II	CC-070078	\$6,996,000	\$1,825,000
Contra Costa	CC County	Byron Hwy Extension	CC-070079	\$9,900,000	\$0
Contra Costa	CC County	Byron Highway - Vasco Road Connection	CC-070081	\$4,650,000	\$950,000
Contra Costa	Danville	Diablo Road Imps. - Green Valley to Avenida Neuva	CC-090001	\$4,160,000	\$0
Contra Costa	Pleasant Hill	Pleasant Hill - Buskirk Avenue Widening	CC-090002	\$11,000,000	\$0
Contra Costa	CC County	North Richmond Truck Route Extension	CC-090003	\$19,900,000	\$1,800,000
Contra Costa	Hercules	Central Hercules Arterial Improvements	CC-090008	\$2,736,000	\$500,000
Contra Costa	Hercules	Construct Phase 2 of Hercules Intermodal Station	CC-090009	\$47,390,000	\$7,900,000
Contra Costa	Antioch	Fitzuren Road Widening & Realignment	CC-090011	\$10,000,000	\$1,000,000
Contra Costa	Oakley	Main Street Widening	CC-090015	\$12,630,000	\$2,500,000
Contra Costa	San Ramon	Bollinger Canyon Road Widening (Alcosta to SRVB)	CC-090019	\$10,612,855	\$2,883,024
Contra Costa	Brentwood	Brentwood Blvd North Widening - Phases II & III	CC-090021	\$12,025,000	\$0

Projects in the 2015 TIP That Increase Single Occupancy Vehicle (SOV) Capacity

County	Sponsor	Project Name	TIP ID	Total Project Cost	Total TIP Funding
Contra Costa	CC County	Contra Costa Co. Camino Tassajara Realignment	CC-090022	\$14,300,000	\$1,300,000
Contra Costa	Concord	Concord Clayton Road/Treat Blvd Intersection Imps.	CC-090023	\$2,680,000	\$2,100,000
Contra Costa	CC County	Dougherty Road widening	CC-090024	\$33,600,000	\$3,600,000
Contra Costa	Concord	Ygnacio Valley/Kirker Pass Roads Widening	CC-090026	\$12,000,000	\$0
Contra Costa	BART	eBART Railroad Avenue Station	CC-130002	\$18,500,000	\$2,000,000
Contra Costa	BAIFA	I-680 Express Lane: Alcosta to Livorna/Rudgear	CC-130043	\$47,800,000	\$40,300,000
Contra Costa	CCTA	I-680 / SR 4 Interchange Reconstruction - Phase 3	CC-130046	\$56,030,000	\$46,980,000

Projects in the 2015 TIP That Increase Single Occupancy Vehicle (SOV) Capacity

County	Sponsor	Project Name	TIP ID	Total Project Cost	Total TIP Funding
Marin	TAM	US 101 / Greenbrae Interchange Corridor Impts.	MRN050001	\$154,800,000	\$19,800,000
Marin	TAM	US 101 HOV Lanes - Marin-Sonoma Narrows (Marin)	MRN050034	\$340,987,000	\$62,978,000
Marin	Novato	Novato Boulevard Widening, Diablo to Grant	MRN070006	\$8,973,932	\$7,910,847
Marin	San Anselmo	San Anselmo - Center Blvd Bridge Replace (27C0079)	MRN110032	\$5,817,000	\$4,757,000
Marin	Marin County	Mountain View Rd Bridge Replacement - 27C0154	MRN110035	\$1,246,400	\$918,400
Marin	GGBHTD	Larkspur Ferry Terminal Parking Garage	MRN130001	\$4,000,000	\$500,000
Marin	GGBHTD	GGBHTD - Transit Systems Enhancements	MRN130015	\$1,683,221	\$0

Projects in the 2015 TIP That Increase Single Occupancy Vehicle (SOV) Capacity

County	Sponsor	Project Name	TIP ID	Total Project Cost	Total TIP Funding
Napa	Caltrans	SR 12 (Jamieson Canyon Road) Widening	NAP010008	\$115,135,000	\$850,000
Napa	Napa Vine	Park & Ride Lots in Napa County	NAP050009	\$5,030,000	\$0
Napa	Napa County	Hardin Rd Bridge Replacement - 21C0058	NAP110026	\$1,755,950	\$117,500
Napa	Napa County	Loma Vista Dr Bridge Replacement - 21C0080	NAP110027	\$720,000	\$620,000
Napa	American Canyon	Eucalyptus Drive Realignment Complete Streets	NAP110029	\$4,524,000	\$1,239,600
Napa	American Canyon	Devlin Road and Vine Trail Extension	NAP130006	\$2,882,000	\$2,882,000

Projects in the 2015 TIP That Increase Single Occupancy Vehicle (SOV) Capacity

County	Sponsor	Project Name	TIP ID	Total Project Cost	Total TIP Funding
Regional	BAIFA	Regional Express Lane Network	REG130004	\$275,100,000	\$226,100,000
Regional	MTC	Regional Car Sharing	REG130007	\$2,000,000	\$2,000,000

Projects in the 2015 TIP That Increase Single Occupancy Vehicle (SOV) Capacity

County	Sponsor	Project Name	TIP ID	Total Project Cost	Total TIP Funding
Santa Clara	VTA	I-880 Coleman Avenue I/C Reconfiguration	SCL010019	\$78,044,150	\$0
Santa Clara	VTA	SR-152/SR-156 Interchange Improvements	SCL010040	\$44,983,187	\$0
Santa Clara	San Jose	US 101 / Blossom Hill I/C Reconst & Road Widening	SCL030006	\$15,000,000	\$1,833,000
Santa Clara	Milpitas	SR 237 - Calaveras Blvd Widening	SCL050077	\$61,500,000	\$6,500,000
Santa Clara	San Jose	US 101 / Mabury New Interchange	SCL070004	\$20,750,000	\$1,000,000
Santa Clara	Santa Clara Co	Central Expressway Auxiliary Lanes	SCL070049	\$17,000,000	\$0
Santa Clara	San Jose	San Jose Charcot Avenue Extension Over I-880	SCL090003	\$30,200,000	\$3,200,000
Santa Clara	San Jose	Coleman Avenue Widening from I-880 to Taylor St.	SCL090005	\$13,000,000	\$3,000,000
Santa Clara	San Jose	Montague Expwy Widening - Lick Mill-Trade Zone	SCL090010	\$13,500,000	\$1,500,000
Santa Clara	VTA	New SR152 Alignment Study	SCL090016	\$10,000,000	\$0
Santa Clara	Santa Clara Co	Montague Expwy Widening - Trade Zone-I-680	SCL090017	\$15,540,000	\$1,000,000
Santa Clara	Santa Clara Co	US 101/Montague Expressway Interchange	SCL090027	\$13,500,000	\$3,500,000
Santa Clara	VTA	SR 85 Express Lanes	SCL090030	\$170,000,000	\$2,000,000
Santa Clara	VTA	Santa Clara County - US 101 Express Lanes	SCL110002	\$425,000,000	\$2,000,000
Santa Clara	Santa Clara Co	Page Mill Road/I-280 Interchange Reconfiguration	SCL110004	\$7,820,000	\$2,100,000
Santa Clara	San Jose	San Jose - Autumn Street Extension	SCL110006	\$17,300,000	\$7,000,000
Santa Clara	Santa Clara Co	San Tomas Expressway Widening	SCL110007	\$56,100,000	\$2,000,000
Santa Clara	VTA	SR 237 Express Lanes: Zanker Rd to Mathilda Ave	SCL110008	\$16,000,000	\$1,900,000
Santa Clara	Sunnyvale	SR 237/US 101/Mathilda Interchange Modifications	SCL130001	\$15,000,000	\$2,000,000
Santa Clara	VTA	SR 237 Express Lanes : Mathilda Avenue to SR 85	SCL130002	\$83,790,000	\$5,200,000
Santa Clara	San Jose	US 101 Zanker Road /North 4th Street/Skyport Drive	SCL130047	\$112,000,000	\$2,000,000

Projects in the 2015 TIP That Increase Single Occupancy Vehicle (SOV) Capacity

County	Sponsor	Project Name	TIP ID	Total Project Cost	Total TIP Funding
San Francisco	Port of SF	Pier 70 Shoreline Open Space Improvements	SF-070014	\$22,000,000	\$4,000,000
San Francisco	SFMTA	Implement Parkmerced Street Network	SF-130002	\$47,960,000	\$1,000,000
San Francisco	SF County TA	Treasure Is/Yerba Buena Is Street Improvements	SF-130004	\$47,960,000	\$2,000,000
San Francisco	SF DPW	HOPE SF Street Grid Phase 1	SF-130007	\$10,000,000	\$9,000,000
San Francisco	Port of SF	Pier 70 19th Street & Illinois Street Sidewalk	SF-130021	\$3,220,000	\$2,850,000
San Francisco	SF County TA	US 101 Doyle Drive Replacement	SF-991030	\$1,986,736,569	\$1,261,561,000

Projects in the 2015 TIP That Increase Single Occupancy Vehicle (SOV) Capacity

County	Sponsor	Project Name	TIP ID	Total Project Cost	Total TIP Funding
San Mateo	Caltrans	US 101 Auxiliary Lanes - 3rd to Millbrae	SM-010031	\$188,240,000	\$0
San Mateo	Caltrans	US 101 Auxiliary Lanes - Marsh Road to SCL County	SM-030001	\$107,223,000	\$0
San Mateo	Pacifica	SR 1 - Fassler to West Port Drive Widening	SM-050001	\$50,550,000	\$13,500,000
San Mateo	Redwood City	US 101 / Woodside Interchange Improvement	SM-050027	\$49,110,000	\$10,810,000
San Mateo	SMCTA	Construct WB lane on Rte 92	SM-090003	\$20,800,000	\$600,000
San Mateo	Redwood City	Blomquist Street Extension	SM-090007	\$5,000,000	\$100,000
San Mateo	San Carlos	US101/Holly Interchange modification	SM-090008	\$19,000,000	\$2,000,000
San Mateo	SMCTA	US 101 Aux lanes from Sierra Point to SF Cnty Line	SM-090009	\$6,600,000	\$1,800,000
San Mateo	SMCTA	I-280/Route 1 interchange safety improvements	SM-090010	\$20,100,000	\$300,000
San Mateo	SMCTA	Woodside Road Widening - El Camino to Broadway	SM-090011	\$2,600,000	\$700,000
San Mateo	SMCTA	Improve Rte 92 from SM Bridge to I-280	SM-090013	\$35,200,000	\$2,700,000
San Mateo	SMCTA	Improve US 101 operations near Rte 92	SM-090014	\$24,339,000	\$5,628,000
San Mateo	Half Moon Bay	Route 1 improvements in Half Moon Bay	SM-090015	\$7,050,000	\$2,050,000
San Mateo	SSF	US 101/Produce Avenue Interchange	SM-110003	\$127,470,000	\$1,500,000
San Mateo	Caltrans	SR 1 Devils Slide Bypass	SM-979013	\$511,873,295	\$0

Projects in the 2015 TIP That Increase Single Occupancy Vehicle (SOV) Capacity

County	Sponsor	Project Name	TIP ID	Total Project Cost	Total TIP Funding
Solano	Benicia	Military/Southampton & Military/First Intermodal	SOL010031	\$3,000,000	\$0
Solano	Vallejo	Vallejo Curtola Transit Center	SOL050012	\$11,750,275	\$0
Solano	STA	I-80/I-680/SR 12 Interchange Project	SOL070020	\$717,920,000	\$0
Solano	Vacaville	I-505/Vaca Valley Off-Ramp and Intersection Imprv.	SOL090001	\$1,540,000	\$0
Solano	Solano County	Redwood-Fairgrounds Dr Interchange Imps (Study)	SOL090015	\$1,609,000	\$0
Solano	MTC	I-80 Express Lanes - Fairfield & Vacaville Ph I&II	SOL110001	\$236,800,000	\$2,000,000
Solano	STA	Jepson: Vanden Road from Peabody to Leisure Town	SOL110003	\$30,455,855	\$21,756,025
Solano	STA	Jepson: Walters Rd Ext - Peabody Rd Widening	SOL110004	\$13,431,000	\$0
Solano	STA	Jepson: Leisure Town Road from Vanden to Commerce	SOL110005	\$28,068,400	\$26,142,400
Solano	STA	Jepson: Leisure Town Road (Commerce to Orange)	SOL110006	\$12,321,842	\$1,966,592
Solano	Benicia	Benicia Industrial Park Bus Hub Project	SOL110008	\$1,250,000	\$0
Solano	Vacaville	Vacaville Intermodal Station - Phase 2	SOL110009	\$11,210,000	\$0
Solano	Vallejo	Vallejo Ferry Terminal (Intermodal Station)	SOL950035	\$79,129,594	\$0

Projects in the 2015 TIP That Increase Single Occupancy Vehicle (SOV) Capacity

County	Sponsor	Project Name	TIP ID	Total Project Cost	Total TIP Funding
Sonoma	Caltrans	Son 101 HOV - SR 12 to Steele & Steele Lane I/C	SON010001	\$6,063,000	\$2,967,000
Sonoma	Son Co TA	Son 101 HOV - Steele Lane to Windsor (North)	SON010019	\$122,299,440	\$0
Sonoma	Son Co TA	Son 101 HOV - Redwood Hwy to Rohnert Park Expwy	SON010024	\$134,952,000	\$0
Sonoma	Sonoma County	Replace Laughlin Bridge over Mark West Crk 20C0246	SON050001	\$14,045,000	\$100,000
Sonoma	Son Co TA	US 101/East Washington I/C Reconfiguration	SON050015	\$21,388,018	\$0
Sonoma	Son Co TA	US 101 Marin/Sonoma Narrows (Sonoma)	SON070004	\$372,700,000	\$995,000
Sonoma	NBFS	Ferry Service to Port Sonoma	SON070013	\$23,171,000	\$0
Sonoma	Caltrans	Rehab King Ridge Bridge over Austin Crk 20C0433	SON070026	\$2,037,550	\$85,000
Sonoma	Sonoma County	Replace Geysers Bridge over Sulpher Crk 20C0005	SON090001	\$6,000,000	\$5,100,000
Sonoma	Son Co TA	Improve U.S. 101/Old Redwood Highway interchange	SON090003	\$36,849,000	\$0
Sonoma	Son Co TA	US 101 Airport I/C (North B)	SON090005	\$42,808,000	\$7,392,000
Sonoma	Sonoma County	Replace Chalk Hill Bridge over Maacama Crk 20C0242	SON090025	\$6,772,709	\$6,200,000
Sonoma	Sonoma County	Replace Lambert Bridge over Dry Creek 20C0248	SON090026	\$7,276,100	\$6,050,000
Sonoma	Sonoma County	Replace West Dry Creek Bridge over Pena Ck 20C0407	SON090027	\$5,050,000	\$4,250,000
Sonoma	Cotati	City of Cotati Train Depot	SON110015	\$4,440,891	\$0
Sonoma	Sonoma County	Replace Bohan Dillon Bridge over Gualala 20C0435	SON110024	\$1,970,000	\$1,450,000
Sonoma	Sonoma County	Replace Hauser Bridge over Gualala River 20C0240	SON110025	\$6,584,000	\$50,000
Sonoma	Sonoma County	Replace Freestone Flat Bridge over Salmon 20C0440	SON110026	\$3,256,500	\$2,644,000
Sonoma	FWLS	San Pablo Bay NWR Access Road in Petaluma	SON110030	\$23,480,000	\$0

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